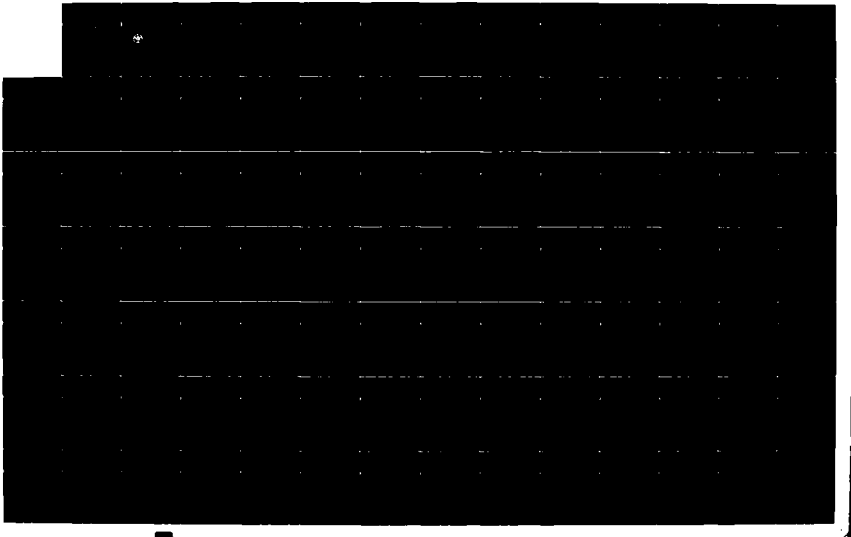
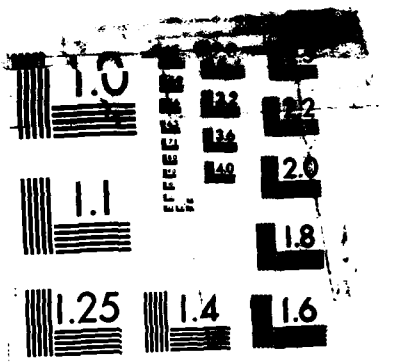
AD-A175 366 FULDA AAF GERMANY LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LSCSC)(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT AFB IL NOV 86 1/3

UNCLASSIFIED USAFETAC/DS-86/065 F/G 4/2 NL





OPERATING LOCATION - A
USAFETAC
Air Weather Service (MAC)

"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "LISOCS"

FULDA AAF GERMANY MSC #105445
N 50 32 E 009 39 ELEV 1000 FT EDEX

PARTS 1 - 5 HOURS SUMMARIZED: 0500 - 2100 LST

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JUN 76 - MAY 86
SUMMARY OF DAY DATA: NONE

TIME CONVERSION GMT TO LST +1

16 Nov 1986

"Approved for public release;
Distribution Unlimited."

FEDERAL BUILDING

ASHEVILLE, N.C. 28801 - 2723

REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-86/065 has been reviewed and is approved for publication.

FOR THE COMMANDER

WALTER S. BURGMANN
Scientific and Technical Information Officer
(STINFO)

REPORT DOCUMENTATION PAGE

1a. **Report Security Classification:** UNCLASSIFIED

3. **Distribution/Availability of Report:** Approved for public release; distribution unlimited.

4. **Performing Organization Report Number:** USAFETAC/DS-86/065

5. **Monitoring Organization Report Number:** USAFETAC/DS-86/065

6a. **Name of Performing Organization:** USAFETAC/OL-A
6b. **Office Symbol:**
6c. **Address:** Federal Building, Asheville, NC 28801-2723

7a. **Name of Monitoring Organization:** USAFETAC
7b. **Address:** Scott AFB, IL 62225-5458

11 **Title:** (LISOCS) Fulda AAF Germany.

12 **Personal Author(s):**

13a **Type of Report:** Data Summary
13b **Time Covered:** Jun 76-May 86

14 **Date of Report:** Nov 86

15 **Page Count:** 312

16 **Supplementary Notation:**

17 **COSATI Codes:** Field--04, Group--02

18 **Subject Terms:** *climatology *weather meteorological conditions winds precipitation barometric pressure sky cover temperature relative humidity paychrometric data visibility ceiling Limited Surface Observations Climatic Summary(LISOCS); Fulda AAF Germany; Germany(West); DL105445.

19 **Abstract:** A statistical data summary of surface weather observation climatology for Fulda AAF, Germany. This summary is similar to the Revised Uniform Summary of Surface Weather Observations (RUSSWO), but is based on data collected from limited-duty weather observing stations; i.e., those that take weather observations less than 24 hours a day, 7 days a week. The summary is in five parts: PART 1, Weather Conditions and Atmospheric Phenomena; PART 2, Surface Winds; PART 3,Ceiling and Visibility; PART 4, Psychrometric Summaries; and PART 5, Pressure Summaries. Note that PART 2, Precipitation, is omitted. See USAFETAC/TN-83-001 (AD132186), An Aid For Using The Revised Uniform Summary of Surface Weather Observations (RUSSWO), for complete descriptions of contents and instructions for use.

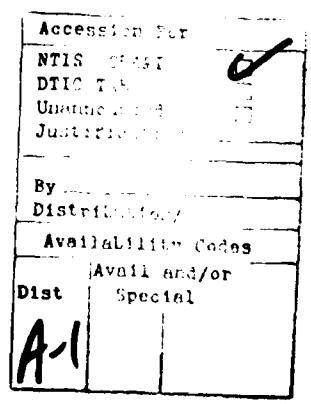
20 **Distribution/Availability of Abstract:** Same as report.

21 **Abstract Security Classification:** UNCLASSIFIED.

22a **Name of Responsible Individual:** Marianne L. Cavanaugh
22b **Telephone:** (618)256-2625.
22c **Office Symbol:** USAFETAC/LDD

DD FORM 1473 **UNCLASSIFIED**

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.



OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARIES
(LISOCS)

DEFINITION: A RUSSWO-like set of summaries of hourly observations for the station's normal operating hours.

Hourly Observations: Those record or record-special observations recorded at established hourly intervals.

General Comments:

1. The hourly data are screened to exclude extraneous or occasional hours outside the normal observing hours.

2. A brief description preceeds each summary.

3. Summaries containing "TOTALS" and "ALL HOURS" are only from the hours summarized. These values are representative only for the operating hours.

4. The monthly and annual "ALL HOURS" summaries are not presented because they are not representative, and would result in meaningless or biased values.

5. There are no "Sky Cover" nor "Sea Level Pressure" summaries for METAR stations.

Table of Contents: AWS Form 2 "Station History"
Part 1: Weather Conditions
Part 2: Surface Winds
Part 3: Ceiling Versus Visibility; Sky Cover
Part 4: Daily High, Low, Mean Temperatures; Max High and Min Low Temperatures; Psychrometric Tables; Mean and Standard Deviation of Temperatures; Relative Humidity
Part 5: Station Pressure; Sea Level Pressure

Standard 3-Hour Groups: All summaries having diurnal variations are summarized in 3-hour periods corresponding to the following sets of hourly observations and limited to normal observation reporting hours (LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

Note that the first and last hour groups may or may not contain all three hours. See hours summarized on front cover to determine which hours are included in these two hour groups.

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV. (FT.)	CALL SIGN	WBO NUMBER
105445	FULDA AAF GERMANY	N 50 32	E 009 38	1000	EDEX	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Fulda Germany	AAF	Sep 60	Nov 64	N 50 32	E 009 38	1010	N/A	10 to 14
2	No change	AAF	Dec 64	Dec 65	No Chge	No Change	No Chge	N/A	24
3	No Change	AAF	Jan 66	5 Jul 66	No Chge	No Chge	No Chge	N/A	13 to 14
4	No Change	AAF	6 Jul 66	Oct 66	No Chge	No Chge	No Chge	995	14
5	No Change	AAF	Nov 66	Nov 67	No Chge	No Chge	No Chge	No Chge	24
6	No Change	AAF	Dec 67	3 Feb 69	No Chge	No Chge	No Chge	No Chge	17
7	No Change	AAF	4 Feb 69	Dec 70	No Chge	No Chge	No Chge	977	13 to 17
8	No Chge	AAF	Dec 70	Nov 82	No Chge	No Chge	1000	986.1	13 to 24
9	No Chge	AAF	Nov 82	Dec 83	No Chge	No Chge	No Chge	No Chge	13 to 24
10	No Chge	AAF	Jan 84	May 86	No Chge	No Chge	No Chge	No Chge	17 to 18

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Sep 60 to Dec 62	Located on top of control tower	AN/GMQ-11	None	54 Ft	
2	Jan 63 to 28 Dec 65	Located 100 Ft N of overrun to Rnwy 09.	No Chge	None	15 Ft	
3	29 Dec 65 to Dec 70	Located 337 Ft S and 185 Ft from end of Rnwy 27	No Chge	RO-2	18 Ft	
4	Nov 82	Same	Same	Same	Same	
5	Dec 83	Same	Same	RO-362	Same	
6	May 86	Same	Same	RO-362	Same	

CONTINUED ON REVERSE SIDE

OPERATING LOCATION 'A"
USAFETAC, ASHEVILLE NC

WEATHER CONDITIONS

1

PART 1

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented by month by the available 3-hour groups.

Thunderstorms--All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle--All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze)--Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets)--Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets. (Snow pellets also known as soft hail.)

Hail--Occurrences of hail.

Percentage of observations with precipitation--Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the percentage of the observations with precip.

Fog--Included are fog, ice fog, and ground fog.

Smoke and/or haze--Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow--Occurrences of blowing snow.

Dust and/or sand--Included are blowing dust, blowing sand, and dust.

Blowing spray--This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision--Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

Continued on Reverse

NOTE: 1. For METAR stations beginning Jan 68 and Synoptic reporting stations, only the highest order of atmospheric phenomena was reported, recorded on the AWS Forms 10a, and transmitted longline. Beginning Jan 70, METAR stations recorded all atmospheric phenomena on the AWS Form 10a, but transmitted longline only the highest order. For example, if the observation consisted of rain, fog and smoke, only the rain was transmitted longline. Our data base, as a result, contains only rain for that observation. Because of these reporting procedures the summaries for METAR and Synoptic reporting stations are highly questionable in the hourly summaries. This primarily effects the obstruction to vision columns, but may also have minor effects on the precipitation columns.

2. When the value of ".0" appears in the summaries, it represent one or more occurrences amounting to less than .05 percent.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
STN WEATHER SERVICE/MAC

WEATHER CONDITIONS

445	FULDA AAF GERMANY	77-86	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02		25.8		25.8		46.2	12.9				12.	31
	03-05		32.3		25.8		58.1	12.9				12.9	31
	06-08		15.4	1.5	17.2		31.7	44.8	3.0			45.0	667
	09-11		14.0	1.1	19.1		33.1	40.8	3.0			46.1	791
	12-14		12.9	.1	16.2		29.3	31.5	12.9			44.3	743
	15-17	.2	15.4	.5	13.4		28.0	29.2	13.7			42.9	636
	18-20		11.9	.7	13.3	.4	25.6	35.4	1.1			36.5	289
	21-23		13.6	.7	17.7		32.0	35.4				35.4	147
TOTALS		.0	17.7	.6	18.6	.1	35.3	35.4	4.5			34.7	3351

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WEATHER CONDITIONS

...845 STATION | FULDA AAF GERMANY STATION NAME | 77-86 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02								5[illegible]			5[illegible]	[illegible]
	03-05				100.0		100.0						1
	06-08		11.3	.3	14.[illegible]		25.[illegible]	54.8	3.[illegible]			5[illegible]	637
	09-11		11.6	.1	1[illegible]		25.3	43.6	1[illegible]			33.6	743
	12-14		11.3		1.[illegible]	.1	22.1	24.9	2[illegible]			[illegible]	692
	15-17		10.9		13.[illegible]		22.[illegible]	18.5	23.[illegible]	.[illegible]		44.[illegible]	5[illegible]
	18-20		7.9		[illegible].7		15.4	41.5	[illegible].2			[illegible].7	24[illegible]
	21-23		1.5		4.5		[illegible].[illegible]	59.[illegible]	1.[illegible]			69.4	134
TOTALS			6.8	.1	21.4	.[illegible]	27.[illegible]	30.3	1[illegible].[illegible]	.[illegible]		4[illegible].[illegible]	3[illegible]7

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WEATHER CONDITIONS

3445 FULDA AAF GERMANY 77-86 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02							100.0				100.0	1
	03-05				5.6		5.6	61.1				61.1	18
	06-08		20.2		3.4		24.8	45.9	3.5			61.5	723
	09-11		17.2		6.4		23.5	33.9	12.1			46.5	842
	12-14		19.3		4.6		23.3	1.6	22.6			33.4	763
	15-17		17.5		3.6		21.9	9.2	17.3			31.7	653
	18-20	2.6	21.2		3.7		24.8	19.9	15.1			34.5	707
	21-23		26.9		4.5		31.1	26.9	5.5			32.4	145
TOTALS		.3	15.5		4.3		19.1	35.4	9.9			48.5	3431

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WEATHER CONDITIONS

1 945 STATION | FULDA AAF GERMANY STATION NAME | 77-86 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS L.S.T.	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02							10.2				6.2	
	03-05		13.4		.2		1.2	45.1	3.			4.8	142
	06-08		15.7		.2		14.7	3.7	.7			8.4	715
	09-11		16.6		.3		2.3	10.1	1.1			12.6	715
	12-14	.3	16.3		.2	.1	20.5	3.3	1.2			17.1	715
	15-17	.2	15.2		.1		2.1	1.6	11.			12.2	571
	18-20	1.7	14.2		.0		16.	6.9	.3			1.2	715
	21-23	1.6	12.3				15.3	10.5	7.			17.	114
TOTALS		.5	13.8		.1	.1	14.	27.8	.3			36.2	3349

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WEATHER CONDITIONS

...45 FULDA AAF GERMANY 77-86 MAY
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02							5.8				5.8	16
	03-05	.6	15.5				15.5	47.1	2.6			49.7	155
	06-08		16.9				16.9	33.8	6.4			41.8	708
	09-11	.3	15.3				15.6	10.8	12.3			23.1	706
	12-14	1.9	20.4				20.4	2.3	6..			10.3	702
	15-17	2.6	17.7				19.7	1.9	4.5			6.5	573
	18-20	3.5	16.4				18.4	3.9	5..			8.9	262
	21-23	2.4	17.5				17.5	15.9	4..			19..	126
TOTALS		1.4	15.4				15.4	20.7	5.6			26.3	3344

USAFETAC FORM JULY 64 0-10-5/OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

1 445 FULDA AAF GERMANY 75-85 JUN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUN	00-02							100.0				100.0	1
	03-05	1.7	6.8				6.8	41.9	5.1			47.0	117
	06-08	.7	11.8				11.8	29.4	12.8			42.2	693
	09-11	1.3	14.7				14.7	8.2	11.7			19.9	763
	12-14	1.7	15.1				15.1	2.6	6.7			9.2	691
	15-17	3.4	11.2				11.2	3.7	4.2			6.8	568
	18-20	3.3	14.6				14.6	2.9	3.3			6.3	239
	21-23	2.0	12.1				12.1	6.1	3.0			9.1	99
TOTALS		1.6	10.8				10.8	24.3	5.9			30.2	3191

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WEATHER CONDITIONS

445 FULDA AAF GERMANY 76-85 JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02												
	03-05		7.4				7.4	40.5	7.4			47.9	121
	06-08		10.6				10.6	36.8	13.5			49.4	695
	09-11	.1	12.3				12.3	9.2	16.8			26.2	772
	12-14	.4	10.1				11.1	3.1	9.3			12.7	702
	15-17	1.9	8.5				8.5	2.6	7.3			9.9	567
	18-20	3.0	9.0				9.0	2.6	13.1		.4	13.1	267
	21-23	2.6	7.8				7.8	8.7	11.3			20.0	115
TOTALS		1.1	9.4				9.4	15.1	10.4		.1	25.6	3259

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WEATHER CONDITIONS

10645 FULDA AAF GERMANY 76-85 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
AUG	00-02		9.1				9.1	18.2				18.2	11
	03-05	.7	6.7				6.7	59.7	1.5			61.2	134
	06-08	.3	10.2				10.2	53.3	8.4			61.5	717
	09-11	.4	9.0				9.4	18.5	31.6			39.3	774
	12-14	.7	9.7			.1	9.8	2.6	11.3			14.3	722
	15-17	1.7	9.2				9.2	1.9	4.7			8.6	641
	18-20	1.2	5.2				5.2	4.9	16.6			21.5	326
	21-23	2.3	10.1				10.1	13.2	14.7			27.9	129
TOTALS		.9	8.7			.1	8.7	21.6	10.6			31.5	3454

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

445 FULDA AAF GERMANY 76-85 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02		7.4				7.4	5.9				50.5	108
	03-05	.5	10.8				10.8	58.8				58.8	194
	06-08	.2	10.6				10.8	57.8	4.6			61.7	656
	09-11		8.6				8.6	32.6	15.2			47.8	717
	12-14	.1	12.0				12.1	3.6	21.3			25.4	674
	15-17	.7	13.6				13.6	2.5	14.3			16.6	601
	18-20	.3	13.3				13.3	12.8	16.3			29.5	376
	21-23		14.0				14.0	37.5	6.5			44.0	200
TOTALS		.2	11.2				11.2	32.1	9.8			41.9	3528

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

+45 FULDA AAF GERMANY 76-85 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02							56.0				60.0	5
	03-05							62.5				62.5	8
	06-08	.1	15.7				15.7	56.6	3.1			59.7	675
	09-11		13.0				13.0	43.3	7.3			50.6	709
	12-14		11.6				11.6	19.0	14.1			33.1	717
	15-17		10.7				13.7	14.9	12.3			26.5	614
	18-20		14.9				14.9	32.0	4.4			36.4	275
	21-23		7.7				7.7	40.4	1.3			41.7	156
TOTALS		.0	9.2				9.2	41.1	5.3			46.3	3219

...RAL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

WEATHER CONDITIONS

445 (STATION) FULDA AAF GERMANY (STATION NAME) 76-85 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
NOV	00-02							100.0				100.0	2
	03-05		66.7				66.7		33.3			33.3	3
	06-08		15.9	.3	6.6		21.5	48.9	5.2			52.1	618
	09-11		14.3	.1	9.9		22.6	39.2	6.4			45.6	719
	12-14		12.8		7.1		19.7	25.0	14.6			39.5	665
	15-17		14.4	.4	7.9		22.6	23.1	14.6			37.7	555
	18-20	.4	13.1	.4	6.5		21.6	49.1	9.8			54.4	283
	21-23		15.2		7.2	.7	21.7	44.9	5.8			49.6	138
TOTALS		.1	19.1	.2	5.9	.1	24.5	41.3	10.1			51.4	2983

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

445 STATION | FULDA AAF GERMANY STATION NAME | 76-85 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
DEC	00-02							53.0				55.0	2
	03-05												
	06-08		20.1	.5	6.9		26.4	46.0	2.4			48.[illegible]	413
	09-11	.1	18.3	.1	10.2		27.3	37.3	4.3			41.6	726
	12-14		17.6	.4	11.3		27.9	27.[illegible]	5.1			35.1	712
	15-17	.2	21.6	.5	9.[illegible]		30.2	26.4	7.6			34.3	591
	18-20	.4	26.2		8.9		3[illegible]	44.5	.4			44.9	263
	21-23		23.5		10.6		29.4	53.6				58.6	85
TOTALS		.1	18.2	.2	7.7		24.5	41.4	3.3			44.7	2992

AL CLIMATOLOGY BRANCH
ETAC
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WEATHER CONDITIONS

945 STATION — FULDA AAF GERMANY STATION NAME — 76-86 YEARS — ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.2	17.7	.6	18.3	.1	35.3	30.4	4.5			34.9	3351
FEB			6.8	.1	21.4	.3	27.5	30.3	18.3	.2		48.6	3007
MAR		.3	11.5		4.3		19.1	38.4	9.9			48.3	3431
APR		.5	13.8		1.9	.2	15.9	27.8	8.3			36.2	3349
MAY		1.4	15.4				15.4	20.7	5.6			26.3	3344
JUN		1.3	10.8				10.8	24.3	5.4			31.2	3191
JUL		1.1	9.4				9.4	15.1	10.4		.1	25.6	3259
AUG		.9	8.7			.0	8.7	21.6	10.4			31.1	3454
SEP		.2	11.2				11.2	32.1	7.8			41.9	3526
OCT		.0	9.2				9.2	41.0	5.3			46.3	3219
NOV		.1	19.1	.2	1.9	.1	24.5	41.3	10.1			51.4	2983
DEC		.1	16.2	.2	7.7		24.5	41.4	3.3			44.7	2992
TOTALS		.5	13.0	.1	.1	.0	17.6	30.4	8.3	.1	.0	38.8	39108

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SURFACE WINDS

PART 2

2

Presented in this part are various tabulations of surface winds as follows:

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points *and calm vs* 11 wind speed (knots) increments in Beaufort classifications. Percentages are shown for both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

These tables are prepared for all years combined, by month by available 3-hour groups.

A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105945 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 85
MONTH: JAN HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N													
NNE													
NE													
ENE													
E													
ESE													
SE	3.2											3.2	2.0
SSE		3.2										3.2	4.0
S	12.9	16.1	12.9									41.9	5.2
SSW	6.5			3.2								9.7	6.0
SW	3.2											3.2	2.0
WSW	3.2											3.2	3.0
W	3.2											3.2	2.0
WNW													
NW				3.2								3.2	12.0
NNW	3.2	3.2	3.2									9.7	4.3
VARIABLE				6.5								6.5	14.5
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	12.9	//////
TOTALS	35.5	22.6	16.1	12.9								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 31

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 81,85
MONTH: JAN HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.2											3.2	1.0
NNE													
NE													
ENE													
E	3.2											3.2	1.0
ESE													
SE													
SSE													
S	6.5	9.7	6.5	3.2								25.8	6.3
SSW			12.9									12.9	8.8
SW	3.2			6.5	3.2							12.9	11.8
WSW													
W	3.2	3.2										6.5	4.5
WNW				3.2								3.2	12.0
NW	3.2	3.2										6.5	3.5
NNW		6.5	3.2									9.7	6.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	16.1	//////
TOTALS	22.6	22.6	22.6	12.9	3.2							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 31

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	1.3	1.3									3.6	5.2
NNE	.6	.6	1.5									2.6	6.4
NE	.1		.1									.3	4.0
ENE		.1	.1									.3	7.5
E		.1										.1	5.0
ESE	.4	.4										.9	3.3
SE	1.0	.1	.4									1.6	3.5
SSE	1.5	.9	.1	.1	.1							2.8	4.5
S	4.1	3.2	3.9	.1								11.4	5.5
SSW	1.7	4.8	4.4	2.6								13.5	7.2
SW	.4	2.8	4.7	2.9	.9							11.6	9.5
WSW	.4	1.2	1.5	1.2	.4	.1						4.8	9.7
W	.3	.9	1.0	3.3	.3	.1						6.0	11.1
WNW	.6	.9	1.0	.3								2.8	6.5
NW	1.2	1.2	.9	.1	.1							3.5	5.8
NNW	1.3	1.2	.1	.3								2.9	4.3
VARIABLE			.7	1.7	.9							3.3	13.7
CALM	//////////											27.9	//////
TOTALS	14.7	19.7	21.8	12.8	2.8	.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 687

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	1.1	1.3		.1							3.9	5.4
NNE	.6	.9	.9	.5								2.9	7.0
NE	.1	.3	.3	.1								.8	6.3
ENE	.3	.3	.4									.9	5.7
E	.1		.1									.3	5.5
ESE	.3	.1										.4	3.3
SE	.9	.4	.3									1.5	3.9
SSE	1.1	1.3	.3	.1								2.8	4.2
S	2.8	3.5	4.9	1.4	.1							12.8	6.6
SSW	.5	3.9	3.8	1.9	.1							10.2	7.7
SW	.1	2.5	3.2	3.7	.5	.3						10.2	10.2
WSW	.4	1.1	2.7	2.8	.8							7.7	10.5
W		.4	1.6	2.8	.5							5.3	11.8
WNW	.4	.8	.6	.9								2.7	7.6
NW	1.3	1.5	1.5	.5								4.8	5.9
NNW	1.1	1.1	.9	.3								3.4	5.3
VARIABLE			1.5	1.5	.1	.1						3.3	11.8
CALM	//////////											26.2	//////
TOTALS	11.4	19.2	24.1	16.4	2.3	.4						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 791

GLOBAL CLIMATOLOGY BRANCH USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5	1.1	.6	.4	.1	.1						3.1	7.8
NNE	.7	2.0	.9	.5								4.2	6.3
NE		.5	.9	.1								1.6	7.8
ENE		.4										.4	5.0
E	.1	.1										.3	4.0
ESE		.8										.8	4.7
SE	.3											.3	2.0
SSE	.5	.3	.4	.1								1.3	5.9
S	1.7	4.7	4.4	1.5	.1							12.5	6.8
SSW	.9	5.0	4.8	2.2	.3							13.2	7.8
SW	1.2	1.5	5.1	2.8	.4	.5						11.6	9.7
WSW	.3	1.2	3.0	2.8	.9	.1						8.3	11.0
W	.3	.3	1.7	3.5	.5							6.3	11.6
WNW	.3	.5	1.1	.9								2.8	8.7
NW	.9	1.7	2.2	.3	.1							5.2	7.0
NNW	.7	.8	1.7									3.2	6.4
VARIABLE			1.1	1.5	.1							2.7	12.2
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	22.1	//////
TOTALS	8.5	21.0	28.3	16.7	2.7	.8						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105945 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	1.9	1.3	.2								4.2	5.7
NNE	.9	1.3	1.7									3.9	5.6
NE	.2	.8	.8									1.7	6.3
ENE													
E	.5	.2	.5									1.1	4.9
ESE		.5	.5									.9	6.8
SE	.9	.2										1.1	2.7
SSE	.5	1.4	.5	.2								2.5	5.7
S	3.8	5.7	2.5	.9								12.9	5.5
SSW	2.4	5.8	4.2	2.5	.3	.2						15.4	7.0
SW	1.4	4.1	4.6	1.9	.3	.2						12.4	7.8
WSW	.8	1.4	3.3	2.7		.2						8.3	9.1
W		1.1	3.3	1.9	.8	.2						7.2	10.7
WNW	.6	.5	1.4	.6	.2	.2						3.5	8.6
NW	.9	1.7	1.6	.3	.2							4.7	6.6
NNW	.8	2.2	.8	.2	.5							4.4	6.9
VARIABLE			.5	.5	.2							1.1	11.9
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	14.5	//////
TOTALS	14.6	28.6	27.4	11.8	2.4	.8						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 636

GLOBAL CLIMATOLOGY BRANCH USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80-86
MONTH: JAN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.1	1.1	2.8	.4								6.3	6.1
NNE		.4	2.5									2.8	7.5
NE			1.1									1.1	8.0
ENE													
E	.7											.7	2.0
ESE			.4									.4	9.0
SE	.4											.4	3.0
SSE	1.8	1.1	.4									3.2	4.1
S	4.6	4.9	2.5	.7	.4							13.0	5.2
SSW	3.2	4.6	3.5	2.8								14.0	6.8
SW	1.4	2.5	4.2	1.8	.4							10.2	8.2
WSW	.4	1.8	1.8	.7								4.6	7.3
W	1.1	2.1	2.5	2.5	.4	.4						8.8	9.6
WNW	1.1	1.4	1.4	.4								4.2	6.4
NW	.4	.7	1.4									2.5	7.4
NNW	2.5	.7	1.8									4.9	5.1
VARIABLE				1.4								1.4	14.0
CALM	//////////											21.8	//////
TOTALS	19.3	21.1	26.0	10.5	1.1	.4						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 285

GLOBAL CLIMATOLOGY BRANCH　　PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC　　FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 105445　STATION NAME: FULDA AAF GERMANY　　PERIOD OF RECORD: 81-86
MONTH: JAN　HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	.7	2.0	1.4								4.8	8.4
NNE			2.0									2.0	9.3
NE													
ENE													
E													
ESE	.7	.7										1.4	3.0
SE													
SSE	2.7	1.4										4.1	2.8
S	4.1	6.1	3.4	.7	.7							15.0	6.0
SSW	3.4	5.4	2.0	1.4								12.2	5.1
SW	.7	1.4	2.7	4.8		.7						10.2	11.1
WSW		1.4		2.0								3.4	9.2
W		1.4	1.4	2.0	2.0							6.8	12.1
WNW		.7	1.4	.7								2.7	9.5
NW	2.0	1.4	1.4									4.8	5.0
NNW	2.0	.7	1.4									4.1	5.0
VARIABLE				.7								.7	12.0
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	27.9	//////
TOTALS	16.3	21.1	17.7	13.6	2.7	.7						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 147

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	1.3	1.3	.2	.1	.0						3.9	6.1
NNE	.6	1.0	1.3	.2								3.2	6.5
NE	.1	.3	.5	.1								1.0	6.8
ENE	.1	.2	.1									.4	5.8
E	.2	.1	.1									.4	4.2
ESE	.2	.4	.1									.7	4.8
SE	.7	.1	.1									1.0	3.4
SSE	1.0	1.0	.3	.1	.0							2.5	4.7
S	3.3	4.5	4.0	1.0	.1							13.0	6.0
SSW	1.6	4.7	4.2	2.3	.1	.0						13.0	7.3
SW	.9	2.5	4.2	2.9	.5	.2						11.2	9.3
WSW	.4	1.3	2.4	2.2	.5	.1						6.8	9.9
W	.3	.8	1.9	2.8	.6	.1						6.4	11.0
WNW	.5	.7	1.0	.7	.0	.0						3.0	7.8
NW	1.1	1.5	1.5	.3	.1							4.4	6.3
NNW	1.2	1.3	1.C	.1	.1							3.7	5.7
VARIABLE			.8	1.3	.3	.0						2.5	12.6
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	22.9	//////
TOTALS	13.2	21.8	25.C	14.2	2.4	.5						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 3351

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 85
MONTH: FEB HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARIABLE													
CALM	//////////											100.0	//////
TOTALS												100.0	.0

TOTAL NUMBER OF OBSERVATIONS: 1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 86
MONTH: FEB HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	100.0											100.0	2.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARIABLE													
CALM	//////////											//////	
TOTALS	100.0											100.0	2.0

TOTAL NUMBER OF OBSERVATIONS: 1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.9	2.0	.9									7.8	3.9
NNE	1.3	3.3	2.5	.8								7.8	6.3
NE	.8	1.3	1.9									3.9	6.0
ENE	.3	.2	.2									.6	4.8
E	.2	.2	.3									.6	6.3
ESE	.3	.3	.2									.8	4.8
SE	1.3	.2										1.4	2.2
SSE	1.3	.9										2.2	3.1
S	1.7	2.2	.5									4.4	4.3
SSW	1.3	2.7	1.7	.9								6.6	6.4
SW	1.1	1.1	3.3	1.1	.6	.2						7.4	8.9
WSW	.5	.2	1.3	.6								2.5	8.3
W	.2	.6	.8	1.3	.2							3.0	10.2
WNW	.8	.6	.3	.3	.2							2.2	6.9
NW	2.0	1.1		.2								3.3	3.6
NNW	3.6	.8		.2	.2							4.7	3.4
VARIABLE			.3									.3	13.0
CALM	//////////											40.3	//////
TOTALS	21.4	17.6	13.8	5.7	1.1	.2						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 637

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0900-1100

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.7	2.8	1.5	.3								7.3	4.9
NNE	1.7	2.8	3.6	.4								8.6	6.4
NE	.3	2.0	1.2	.1								3.6	5.9
ENE	.7	.3	1.1	.3								2.3	6.8
E	.5	.3	.1									.9	3.3
ESE	.9	.3	.5									1.7	4.6
SE	.7	.8	.4	.1								2.0	5.1
SSE	.8	1.1	.4									2.3	4.5
S	1.6	3.0	2.3	.3								7.1	5.6
SSW	.8	2.2	2.0	.9								5.9	6.9
SW	.5	1.2	2.3	1.1	.1							5.2	8.4
WSW	.5	.4	1.6	1.2	.1							3.9	9.4
W	.5	.5	1.3	1.1	.4	.1						4.0	9.8
WNW	.5	.1	.3	.3			.1					1.3	8.7
NW	2.9	1.3	.4									4.2	3.4
NNW	4.2	1.2	.9	.4								6.7	4.0
VARIABLE			.1		.1	.3	.1					.7	21.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	32.0	//////
TOTALS	19.5	20.3	20.2	6.5	.8	.4	.3					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.2	2.5	1.2	.4								6.3	5.1
NNE	1.2	3.8	5.0	.6								10.6	6.7
NE	.3	1.8	1.9	.4								4.4	6.8
ENE	.9	.4	1.0	.4								2.8	6.7
E	.3	.4		.1								.9	5.2
ESE	.4	.7	1.0	.3								2.5	6.9
SE	1.0	.4	.9									2.3	4.8
SSE	.7	.6	.3									1.6	4.1
S	1.8	2.1	3.8	.4								8.1	6.5
SSW	.6	3.4	2.3	.3								6.6	6.5
SW	.7	1.0	2.5	1.8	.6	.1	.1					6.9	10.4
WSW	.3	1.0	2.9	1.2	.3							5.7	9.2
W	.3	.1	1.8	1.3	.3	.3						4.1	11.3
WNW	.7	.4	.4	.3	.3							2.2	7.5
NW	1.9	1.6	.6	.7								4.8	5.4
NNW	4.0	1.5	.3	.1								5.9	3.2
VARIABLE			.3	.3			.1					.7	14.6
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	23.6	//////
TOTALS	17.3	21.8	26.2	8.8	1.5	.4	.3					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 682

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	1.8	.9	.7								5.1	5.8
NNE	1.2	4.9	9.0	.9								16.0	7.1
NE	.7	3.9	4.4	.2								9.2	6.8
ENE	.2	.4	.5									1.1	5.8
E	.4	.4	.4									1.1	5.3
ESE	.5	1.8	.5	.5								3.4	5.9
SE	.7	1.1	.4									2.1	4.5
SSE	.9	1.4	.5	.2								3.0	4.9
S	3.5	3.9	2.3									9.7	4.5
SSW	1.2	5.1	1.6	1.1								9.0	5.9
SW	1.1	2.3	2.5	1.2	.4							7.4	7.8
WSW		1.2	1.8	.9	.7							4.6	10.2
W	.2	.9	1.4	1.8	.4							4.6	10.3
WNW	.7	1.2	.5	.5	.4	.2						3.5	8.6
NW	1.4	.5	.9	.7								3.5	6.3
NNW	2.1	.7	.2	.5								3.5	4.4
VARIABLE													
CALM	//////////											13.2	//////
TOTALS	16.6	31.4	27.7	9.2	1.8	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 567

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY — PERIOD OF RECORD: 80-86
MONTH: FEB HOURS(LST): 1800-2000

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	WIND SPEED IN KNOTS												
N	3.3	2.5	1.7									7.5	4.1
NNE	5.0	6.6	7.9	.4								19.9	5.8
NE	1.2	3.3	2.1	.8								7.5	6.4
ENE	.4	.4	.4	.4								1.7	7.8
E		.4										.4	6.0
ESE													
SE	.8	.8										1.7	3.8
SSE	.8	1.2	.8									2.9	4.7
S	4.1	.4	.4									5.0	2.8
SSW	2.1	2.5	.8									5.4	4.2
SW			2.1	.8								2.9	10.4
WSW	.4	.4	.4	.4								1.7	7.5
W		.8	1.7		.8							3.3	11.1
WNW	1.7	1.2	1.2	.8								5.0	6.6
NW	1.2	1.2	.8									3.3	4.6
NNW	4.1			1.2	.4							5.8	5.7
VARIABLE			.4									.4	9.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	25.7	//////
TOTALS	25.3	22.0	20.7	5.0	1.2							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 241

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 81-86
MONTH: FEB HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	7.5	1.5	.7									9.7	2.9
NNE	3.0	6.7	3.0									12.7	5.2
NE		1.5										1.5	5.0
ENE													
E		.7										.7	5.0
ESE													
SE	1.5											1.5	3.0
SSE	1.5	1.5										3.0	3.3
S	1.5	.7										2.2	2.7
SSW		2.2										2.2	4.0
SW		.7										.7	4.0
WSW			.7									.7	10.0
W			.7	.7	.7	.7						3.0	16.3
WNW		.7	.7									1.5	6.5
NW	5.2											5.2	1.7
NNW	3.0											3.0	2.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	52.2	//////
TOTALS	23.1	16.4	6.0	.7	.7	.7						100.0	2.2

TOTAL NUMBER OF OBSERVATIONS: 134

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.2	2.3	1.2	.3								6.9	4.6
NNE	1.7	4.0	5.0	.6								11.4	6.5
NE	.5	2.2	2.1	.2								5.1	6.4
ENE	.5	.3	.7	.2								1.7	6.6
E	.3	.3	.2	.0								.8	4.9
ESE	.5	.6	.5	.2								1.8	5.8
SE	.9	.6	.4	.0								1.9	4.3
SSE	.9	1.0	.3	.0								2.3	4.2
S	2.2	2.5	2.0	.2								6.9	5.2
SSW	1.0	3.1	1.8	.7								6.6	6.2
SW	.7	1.2	2.5	1.2	.4	.1	.0					6.1	8.9
WSW	.3	.6	1.7	.9	.2							3.8	9.3
W	.3	.5	1.3	1.2	.4	.1						3.8	10.7
WNW	.7	.6	.5	.4	.2	.0	.0					2.4	7.7
NW	2.1	1.1	.5	.3								4.0	4.5
NNW	3.6	.9	.3	.4	.1							5.3	3.8
VARIABLE			.1	.1	.0	.1	.1					.4	16.4
CALM	//////////											28.7	//////
TOTALS	19.5	22.1	21.0	7.0	1.2	.3	.1					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 3906

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 85
MONTH: MAR HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW		100.0										100.0	4.0
VARIABLE													
CALM	//////////											//////	
TOTALS		100.0										100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 79-84
MONTH: MAR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.9	5.9										11.8	4.0
NNE													
NE		5.9										5.9	5.0
ENE													
E													
ESE													
SE													
SSE													
S	5.9											5.9	2.0
SSW	5.9	17.6										23.5	5.0
SW			5.9									5.9	10.0
WSW													
W													
WNW													
NW													
NNW			5.9									5.9	8.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	41.2	//////
TOTALS	17.6	29.4	11.8									100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 17

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.8	2.1	.7	.7								6.2	5.0
NNE	1.0	2.1	1.1	.1								4.3	5.2
NE	.3	.7	.6	.1								1.7	6.5
ENE	.3	.3		.1								.7	5.0
E		.1										.1	4.0
ESE	.6											.6	2.5
SE	1.9	.1										2.1	2.2
SSE	1.5	.3										1.8	2.4
S	2.5	2.1	3.2	1.1								8.9	6.3
SSW	1.0	4.1	4.8	1.5								11.5	7.3
SW	1.2	2.6	2.1	1.5	.3							7.7	7.6
WSW	.9	1.2	3.0	1.1	.1							5.9	8.3
W	.8	1.4	1.7	2.5	.3							6.6	9.4
WNW	1.7	.4	.3	.1								2.5	3.9
NW	.6	.6	.4									1.5	4.5
NNW	2.9	.7	1.1	.3								5.0	4.2
VARIABLE			1.0	.3								1.2	9.4
CALM	//////////											31.7	//////
TOTALS	19.9	18.8	19.9	9.5	.7							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

A P R O R

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	WIND SPEED IN KNOTS												
N	3.0	1.7	1.3	.4								6.4	4.6
NNE	.7	2.1	2.2	.1								5.1	6.3
NE	.1	.1	1.0	.2								1.5	8.4
ENE	.1	.2	.1	.2								.7	7.5
E	.1	.1	.1									.4	5.7
ESE	.5											.5	1.5
SE	1.3	.2	.1									1.7	2.6
SSE	1.2	.2		.1								1.6	3.2
S	1.8	4.0	3.0	1.5								10.3	6.6
SSW	1.1	3.4	5.7	1.9	.1							12.3	7.9
SW	.4	1.8	3.3	3.4	.4							9.2	10.1
WSW	.5	.7	2.8	1.9	.2							6.2	9.5
W	1.3	.4	3.2	3.2	.5							8.2	10.0
WNW	.4	.7	.9	1.3	.1							3.4	9.1
NW	1.2	.9	.9									2.9	4.9
NNW	2.4	1.2	.9	.2	.1							4.9	4.5
VARIABLE			1.1	1.8	.1							3.0	11.8
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	21.7	//////
TOTALS	15.9	17.9	26.5	16.4	1.6							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	1.0	1.2	.8								4.3	6.5
NNE	1.6	1.0	2.6	.4								5.6	6.4
NE	.8	1.0	.9	.3								3.0	5.9
ENE	.7	.5	.1	.4								1.7	5.6
E	.7	.5	.4									1.6	4.3
ESE	.7	.5	.3	.1								1.6	4.6
SE	.5	.9	.3									1.7	4.6
SSE	1.0	.9	1.0	.1								3.1	5.6
S	1.4	1.8	3.0	1.0								7.3	6.9
SSW	.4	2.4	6.7	2.2	.4							12.1	9.0
SW	.1	.9	4.5	4.3	.8							10.6	11.1
WSW	.4	2.0	2.9	4.3	.9	.1						10.6	11.1
W	.4	.3	3.3	4.3	.5	.1						8.9	11.0
WNW	.5	.8	.5	1.2	.1							3.1	9.0
NW	1.0	1.0	2.1	.9								5.1	6.9
NNW	2.8	.7	2.1	.3								5.8	5.3
VARIABLE			3.5	1.8	.1							5.5	10.4
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.3	//////
TOTALS	14.3	16.4	35.4	22.5	2.9	.3						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 763

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	1.4	1.7	.6	.2							5.7	6.4
NNE	.3	2.5	2.0	.2								4.9	6.6
NE	.3	1.1	.6	.8								2.8	8.1
ENE	.5	.5	.3	.5								1.7	7.1
E	.3	.9	.8	.2								2.1	6.4
ESE	.3	1.2	.5									2.0	5.2
SE	.8	.3	1.2									2.3	5.7
SSE	.6	.3	1.5									2.5	7.1
S	1.5	3.7	3.1	1.2								9.5	6.9
SSW	1.2	3.1	4.4	2.5								11.2	8.2
SW	.5	1.5	4.8	2.8	.8							10.3	9.9
WSW	.5	2.8	5.2	4.0	.5							12.9	9.4
W	.3	1.8	3.4	2.5	.5							8.4	9.4
WNW	.3	.3	.5	.9								2.0	8.5
NW	1.2	.8	1.4	.5								3.8	5.9
NNW	2.0	1.5	1.8	.9								6.3	6.0
VARIABLE			2.6	1.8	.3							4.8	10.8
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	6.9	//////
TOTALS	12.4	23.6	35.7	19.2	2.1							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 652

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-78,80-86
MONTH: MAR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.6	1.3	.7	1.3								5.9	5.7
NNE	2.3	1.6	1.6									5.5	4.9
NE	.3	3.3	2.0									5.5	5.8
ENE	.3	1.3	1.0									2.6	5.3
E	.3	.7	.3									1.3	4.8
ESE	.7	.7										1.3	3.8
SE	1.0											1.0	2.0
SSE	.7	.7										1.3	3.0
S	1.6	3.3	2.3	.3								7.5	5.4
SSW	3.3	1.6	4.9	1.6	.3							11.7	7.2
SW	1.6	1.6	1.3	1.0	2.0							7.5	10.0
WSW	1.6	2.6	3.3	2.9								10.4	8.1
W	1.3	1.6	2.6		.3							5.9	6.6
WNW	1.3	.7	1.0	.3								3.3	5.8
NW	1.3	.7	.7	.3								2.9	5.2
NNW	1.6	1.3	.7	.3								3.9	4.7
VARIABLE			.7	.3								1.0	11.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	21.5	//////
TOTALS	21.9	22.8	22.8	8.5	2.6							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 307

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 78,80-86
MONTH: MAR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.8	2.8	2.1	.7								8.3	5.3
NNE	.7	.7	.7									2.1	5.0
NE	.7	.7	2.1									3.4	6.0
ENE		.7										.7	4.0
E													
ESE													
SE													
SSE	2.8											2.8	2.5
S	.7	1.4	.7	1.4								4.1	7.0
SSW	3.4	1.4	4.1	1.4								10.3	6.5
SW	.7	2.8	3.4	.7	.7	.7						9.0	9.1
WSW		.7	3.4		.7	.7						5.5	12.9
W	1.4	2.8	2.8	1.4								8.3	7.0
WNW	.7	.7	.7		.7							2.8	8.5
NW	1.4	2.1										3.4	4.0
NNW	2.1	1.4										3.4	3.2
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	35.9	//////
TOTALS	17.2	17.9	20.0	5.5	2.1	1.4						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 145

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): ALL

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	1.6	1.2	.7	.0							5.8	5.5
NNE	1.0	1.8	1.9	.2								4.9	6.0
NE	.4	1.0	.9	.3								2.6	6.7
ENE	.3	.5	.2	.3								1.3	6.1
E	.3	.4	.3	.0								1.0	5.3
ESE	.5	.4	.1	.0								1.1	4.2
SE	1.1	.3	.3									1.7	3.7
SSE	1.1	.4	.5	.1								2.2	4.6
S	1.8	2.9	2.9	1.1								8.7	6.6
SSW	1.3	3.1	5.3	2.0	.1							11.8	7.9
SW	.6	1.7	3.4	2.7	.7	.0						9.2	9.8
WSW	.5	1.7	3.4	2.7	.4	.1						8.7	9.7
W	.7	1.0	2.8	2.8	.4	.0						7.8	9.7
WNW	.8	.6	.6	.8	.1							2.8	7.7
NW	1.0	.8	1.1	.3								3.3	5.8
NNW	2.4	1.1	1.3	.4	.0							5.2	5.0
VARIABLE			1.8	1.3	.1							3.2	10.7
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	18.7	//////
TOTALS	16.2	19.4	28.2	15.6	1.9	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 3430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 81
MONTH: APR HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	100.0	//////
TOTALS												100.0	.0

TOTAL NUMBER OF OBSERVATIONS: 2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 78,80-86
MONTH: APR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.2	2.8	2.8									9.9	4.6
NNE		2.1	1.4									3.5	6.2
NE	.7											.7	2.0
ENE													
E	1.4											1.4	2.0
ESE													
SE													
SSE	1.4	.7										2.1	3.0
S	2.8	.7										3.5	2.8
SSW	1.4	2.1	2.8		.7							7.0	6.9
SW		.7	2.1	.7								3.5	8.8
WSW	2.1	2.1	1.4	.7								6.3	5.2
W		.7	.7									1.4	6.0
WNW	1.4	1.4	.7									3.5	4.8
NW	.7	.7	2.1									3.5	6.2
NNW	5.6	3.5	1.4	.7								11.3	4.1
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	42.3	//////
TOTALS	21.8	17.6	15.5	2.1	.7							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 142

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.4	2.9	1.7									8.0	4.4
NNE	.8	2.1	1.8									4.8	5.5
NE	.3	1.0	.7									2.0	5.7
ENE		.1	.1									.3	7.0
E	.1											.1	2.0
ESE	1.1											1.1	1.4
SE	.6	.3										.8	2.7
SSE	1.4											1.4	1.9
S	2.8	1.1	.3									4.2	3.3
SSW	1.1	2.2	2.9	.7								7.0	6.8
SW	2.0	1.8	2.9	1.1	.1							8.0	7.3
WSW	.6	1.1	1.0	.1								2.8	6.1
W	.3	.7	1.5	1.1	.4							4.1	10.0
WNW	.6	1.0	1.1	.4								3.1	6.5
NW	1.3	1.1	1.5	.1								4.1	6.0
NNW	3.6	2.8	1.8	.1								8.4	4.5
VARIABLE			.6	.1	.1	.1						1.0	13.1
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	39.0	//////
TOTALS	19.9	18.3	18.0	5.9	.7	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 715

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.9	3.4	3.0	.4								9.7	5.5
NNE	.9	2.1	2.9	.4								6.3	6.7
NE	.5	1.5	1.6	.6								4.3	7.1
ENE	.4	.5	1.0	.6								2.5	8.0
E	.4	.3	.3									.9	4.6
ESE	.8	.5	.6	.3								2.1	6.0
SE	.5	.3	.5									1.3	5.6
SSE	.8	1.0	.3	.3								2.3	5.2
S	1.9	2.8	1.5	.3								6.4	5.3
SSW	1.4	3.4	3.5	.4								8.7	6.4
SW	.4	1.1	4.2	1.9	.1							7.7	9.2
WSW	.1	.8	2.4	1.9	.1							5.3	10.0
W	.6	.8	1.6	1.4	.1							4.5	8.9
WNW	.9	.8	1.3	.9								3.8	7.4
NW	1.9	1.4	2.4	1.3								6.9	6.7
NNW	3.1	1.6	1.9	.3								6.9	4.8
VARIABLE			2.8	1.1	.1							4.0	10.4
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	16.5	//////
TOTALS	17.4	22.1	31.7	11.8	.5							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.6	2.4	2.4	1.8	.1							8.4	7.3
NNE	.7	2.7	3.8	.4								7.7	7.1
NE	1.0	1.3	1.6	.3								4.1	6.3
ENE	1.1	1.6	2.1	.7								5.5	6.9
E	1.6	.7	1.0	.3								3.5	5.5
ESE	.4	.6	.6	.3								1.8	7.2
SE	.3	1.4	1.3	.1								3.1	6.5
SSE	.4	.9	1.1	.1								2.6	6.4
S	.9	2.1	1.4	.3								4.7	5.4
SSW	1.1	2.6	3.0	.7								7.4	6.7
SW	.3	.9	2.3	3.1	.1							6.7	10.1
WSW	.9	1.4	4.4	2.1								8.8	8.5
W	1.3	1.0	2.6	1.8	.7							7.4	9.3
WNW	.6	1.0	1.4	.3	.3							3.5	7.6
NW	.7	1.3	2.8	1.8								6.7	8.9
NNW	1.0	1.8	2.7	.6								6.1	6.9
VARIABLE			5.2	2.0	.4							7.7	10.2
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	4.4	//////
TOTALS	13.8	23.5	39.7	16.9	1.7							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 705

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.5	1.9	4.0	1.0	.5							8.0	8.9
NNE	1.4	2.3	3.8	1.0								8.6	7.2
NE	.7	1.0	2.6	1.4								5.8	7.8
ENE	.2	2.1	1.9	.9								5.1	7.4
E	1.0	.9	.5	.3								2.8	4.9
ESE	.5	.2	.5	.7								1.9	8.1
SE	.5	.9	.3									1.7	4.8
SSE	.3	1.0	.9									2.3	5.9
S	1.0	2.8	1.6									5.4	5.5
SSW	.7	1.0	3.0	.7								5.4	7.6
SW	.7	1.2	3.3	1.6								6.8	8.2
WSW	.2	1.6	3.8	1.6	.2							7.3	9.3
W	1.2	1.4	3.1	2.1	.5							8.4	8.8
WNW	.7	2.1	1.9	.7								5.4	7.0
NW	.3	1.0	3.8	1.6								6.8	9.1
NNW	1.9	2.1	2.3	1.0								7.3	6.6
VARIABLE			2.6	2.8	.2							5.6	11.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.4	//////
TOTALS	12.0	23.6	40.1	17.5	1.4							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 573

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 81-86
MONTH: APR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	3.6	2.6	1.3	.3							8.9	7.2
NNE	1.3	5.3	3.6	1.0								11.2	6.4
NE	1.0	2.0	3.3	.7								6.9	6.8
ENE	.3	1.3	1.3	.3								3.3	6.8
E	.3		.3									.7	5.0
ESE	.7	.3										1.0	2.7
SE	.7											.7	1.5
SSE	1.7	2.0										3.6	3.4
S	1.7	2.3	1.7	.3								5.9	5.4
SSW	2.0	2.0	1.0									5.0	4.7
SW	1.0	1.0	.7	.3								3.0	5.2
WSW	1.7	1.3	1.7	1.3								5.9	6.8
W	1.0	3.6	2.6									7.3	5.9
WNW	1.7	.7	2.0	.7								5.0	6.5
NW	1.3	1.7	3.3	1.0								7.3	7.4
NNW	.7	2.6	2.0	.3								5.6	6.4
VARIABLE			.7	.7								1.3	10.5
CALM	////	////	////	////	////	////	////	////	////	////	////	17.5	////
TOTALS	17.8	29.7	26.7	7.9	.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 333

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 81-86
MONTH: APR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	6.1											6.1	2.0
NNE	2.6	1.8	2.6									7.0	5.5
NE				.9								.9	16.0
ENE	.9	.9										1.8	4.5
E													
ESE	.9	1.8										2.6	3.7
SE													
SSE	1.8											1.8	2.5
S	5.3	2.6	2.6									10.5	4.3
SSW	1.8	.9										2.6	3.0
SW		.9										.9	4.0
WSW	3.5	.9	.9	.9								6.1	4.9
W		2.6	4.4									7.0	7.3
WNW		.9	6.1	.9								7.9	8.9
NW			.9	.9								1.8	12.5
NNW	.9	2.6	.9									4.4	5.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	38.6	//////
TOTALS	23.7	15.8	18.4	3.5								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 114

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	2.7	2.6	.8	.1							8.6	6.2
NNE	1.0	2.5	3.0	.4								7.0	6.6
NE	.6	1.2	1.6	.5								4.0	6.9
ENE	.4	1.0	1.2	.5								3.0	7.2
E	.7	.4	.4	.1								1.6	5.0
ESE	.7	.4	.4	.2								1.6	5.7
SE	.4	.6	.4	.0								1.5	5.3
SSE	.9	.8	.4	.1								2.2	4.7
S	1.9	2.1	1.2	.1								5.4	4.9
SSW	1.2	2.3	2.8	.5	.0							6.9	6.6
SW	.8	1.2	2.8	1.7	.1							6.5	8.5
WSW	.7	1.2	2.6	1.4	.1							6.0	8.3
W	.8	1.2	2.2	1.3	.4							5.9	8.7
WNW	.8	1.1	1.6	.6	.1							4.1	7.1
NW	1.1	1.2	2.6	1.1								5.9	7.7
NNW	2.4	2.2	2.1	.4								7.1	5.5
VARIABLE			2.4	1.3	.2	.0						3.9	10.6
CALM	////////	////////	////////	////////	////////	////////	////////	////////	////////	////////	////////	18.8	////////
TOTALS	16.7	22.1	30.3	11.1	.9	.0						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 3349

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80,82-83
MONTH: MAY HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N													
NNE													
NE													
ENE													
E													
ESE													
SE	5.6	5.6										11.1	2.5
SSE	5.6											5.6	2.0
S													
SSW		5.6										5.6	5.0
SW		11.1										11.1	5.5
WSW													
W													
WNW													
NW													
NNW													
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	66.7	//////
TOTALS	11.1	22.2										100.0	1.3

TOTAL NUMBER OF OBSERVATIONS: 18

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 78,80-86
MONTH: MAY HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.2	3.2	.6									7.1	3.9
NNE	.6	2.6										3.2	4.2
NE	.6		3.2									3.9	6.7
ENE	.6											.6	2.0
E													
ESE	1.9											1.9	1.7
SE													
SSE	.6	.6										1.3	3.0
S	4.5	3.9	.6									9.0	3.3
SSW	1.9	1.9	1.9									5.8	4.6
SW	.6	1.3	1.3									3.2	6.0
WSW	1.3	1.3	1.9									4.5	5.4
W		.6	.6									1.3	8.0
WNW	.6	.6	.6									1.9	4.7
NW	1.3	.6	.6									2.6	4.8
NNW	5.2	2.6										7.7	3.4
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	45.8	//////
TOTALS	23.2	19.4	11.6									100.0	2.3

TOTAL NUMBER OF OBSERVATIONS: 155

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	5.2	3.8	1.7	.1								10.9	4.1
NNE	.7	2.0	2.4									5.1	6.5
NE		1.6	1.4									3.0	7.0
ENE	.1		1.0									1.1	8.0
E	.3											.3	2.5
ESE			.1									.1	8.0
SE	.8	.1	.1									1.1	3.6
SSE	1.6	.4										2.0	2.6
S	2.1	2.4	1.6									6.1	4.8
SSW	2.5	3.8	2.0	.3								8.6	5.1
SW	1.1	2.0	2.0	.4	.1							5.6	6.5
WSW	.3	.7	1.3	.6		.1						3.0	8.4
W	1.1	.3	.3	.6	.1							2.4	6.5
WNW	.3	.3	.7									1.3	6.3
NW	1.8	1.7	1.0	.3								4.8	4.9
NNW	4.2	1.3	.6									6.1	3.0
VARIABLE			.6	.3								.8	8.8
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	37.7	//////
TOTALS	22.3	20.3	16.7	2.5	.3	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 708

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.9	3.3	1.7									7.9	4.6
NNE	1.8	2.1	2.7	.4								6.9	6.0
NE	.4	.3	2.2	.3								3.1	7.9
ENE	.8	.4	1.7	1.2								4.0	8.0
E	.1	.5	.6	.4								1.7	8.1
ESE	.5	.4	.8	.5								2.2	7.7
SE	.4	.4	.3									1.0	5.3
SSE	.9	.8	1.0									2.7	5.4
S	1.8	2.8	2.8	.6								8.1	6.2
SSW	1.5	3.6	4.9	.1								10.1	6.4
SW	.9	1.5	2.8	1.7								6.9	7.9
WSW	.9	2.2	2.2	1.2	.1	.3						6.8	8.0
W	.9	1.2	2.4	.3	.3	.1						5.1	8.1
WNW	.5	.8	.8									2.1	5.6
NW	1.3	1.8	.5	.5								4.1	5.3
NNW	3.5	2.7	1.2									7.3	4.1
VARIABLE			4.1	1.8								5.9	9.7
CALM	////	////	////	////	////	////	////	////	////	////	////	14.1	////
TOTALS	19.1	24.6	32.6	8.8	.4	.4						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 760

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.3	1.4	2.7	.1								5.6	6.0
NNE	.7	2.3	3.1	.6								6.7	6.9
NE	.7	1.3	1.4	.7								4.1	7.0
ENE	.4	1.6	1.6	1.6	.1							5.3	9.1
E	.9	.7	1.1	1.0								3.7	7.6
ESE	.7	.3	.9	.1								2.0	6.1
SE	.4	1.1	1.3	.3								3.1	7.0
SSE	.9	.7	1.3	.4								3.3	6.5
S	1.6	1.9	2.3	.7								6.4	6.5
SSW	2.1	3.3	2.8	1.6								9.8	6.6
SW	.9	3.1	3.1	2.0	.1							9.3	7.9
WSW	1.0	3.3	3.6	1.4	.1							9.4	7.4
W	.3	1.7	2.6	.4	.3	.1						5.4	8.4
WNW	1.0	1.1	1.7	.4	.3							4.6	7.1
NW	1.0	2.4	1.0	.1								4.6	5.4
NNW	1.1	2.7	.7	.1								4.7	5.1
VARIABLE		.4	3.3	3.1								6.8	10.6
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	5.3	//////
TOTALS	15.0	29.3	34.5	14.8	1.0	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 702

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	3.3	1.4	.2								5.9	5.4
NNE	.7	2.6	2.4	.3								6.1	6.5
NE	.2	1.7	1.4	1.7								5.1	8.4
ENE	.9	.7	2.1	1.9								5.6	8.9
E	.3	.5	.9	.3								2.1	7.7
ESE	.9	.9	1.4		.2							3.3	6.5
SE	1.6	2.3	1.0	.2								5.1	5.1
SSE	.9	1.9	2.3	.7								5.8	6.7
S	1.2	2.8	.7	.2								4.9	4.9
SSW	.7	3.7	3.0	.9								8.2	6.8
SW	1.0	3.0	1.0	.3								5.4	5.8
WSW	.9	3.1	3.7	2.3	.2							10.1	8.1
W	.5	3.1	2.6	1.9	.3							8.6	7.9
WNW		1.2	1.6	.3								3.1	8.0
NW	.7	1.6	1.0	.5								3.8	6.6
NNW	1.7	2.6	.9	.2								5.4	4.7
VARIABLE		.2	4.4	3.1								7.7	10.2
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.8	//////
TOTALS	13.3	35.3	31.8	15.2	.7							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 573

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 78,80-86
MONTH: MAY HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.5	3.9	.4									7.8	3.8
NNE	2.1	3.9	1.1									7.1	4.4
NE	1.1	1.1	3.2	.4								5.7	6.8
ENE	.7	1.1	1.1	1.1								3.9	7.5
E													
ESE	1.4	1.1										2.5	3.6
SE	.4	1.4		.7								2.5	7.3
SSE	2.5	1.1	.4									3.9	3.5
S	3.9	1.4		.4								5.7	3.3
SSW	5.0	2.1	2.1									9.2	4.3
SW	2.5	1.4	1.1	.4								5.3	4.9
WSW	3.2	3.2	3.2	.4	.4							10.3	5.7
W	1.4	.7	1.4									3.5	5.6
WNW	1.4	2.8	.4	.4								5.0	4.5
NW	2.1	.4										2.5	2.3
NNW	1.8	1.4										3.2	3.0
VARIABLE			.7	.7								1.4	10.8
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	20.6	//////
TOTALS	33.1	27.0	14.9	4.3	.4							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 282

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80-86
MONTH: MAY HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	7.1	4.8	.8									12.7	3.3
NNE	.8	5.6	.8									7.1	5.1
NE	.8	1.6	1.6									4.0	5.4
ENE		.8										.8	6.0
E													
ESE		.8										.8	6.0
SE	.8											.8	2.0
SSE	2.4											2.4	1.7
S	1.6	2.4										4.0	3.4
SSW	3.2		.8									4.0	3.0
SW	4.8	1.6	2.4									8.7	4.5
WSW	3.2	3.2	.8									7.1	3.7
W	1.6	.8	.8									3.2	4.0
WNW	.8											.8	2.0
NW	1.6	.8										2.4	3.7
NNW	4.0											4.0	2.4
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	31.3	//////
TOTALS	32.3	22.2	7.9									100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 126

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.0	3.1	1.6	.1								7.8	4.6
NNE	1.1	2.5	2.3	.3								6.2	6.1
NE	.4	1.1	1.8	.5								3.9	7.4
ENE	.5	.7	1.4	1.0	.0							3.6	8.5
E	.3	.4	.5	.4								1.6	7.5
ESE	.6	.4	.6	.1	.0							1.9	6.2
SE	.7	.9	.5	.1								2.3	5.6
SSE	1.2	.9	.9	.2								3.2	5.3
S	2.0	2.4	1.6	.4								6.4	5.3
SSW	2.1	3.3	3.0	.6								8.9	5.9
SW	1.2	2.2	2.2	1.0	.1							6.7	6.9
WSW	1.1	2.3	2.5	1.1	.1	.1						7.3	7.4
W	.8	1.3	1.8	.6	.2	.1						4.8	7.7
WNW	.6	1.0	1.0	.2	.1							2.8	6.4
NW	1.3	1.6	.7	.3								4.0	5.2
NNW	2.8	2.2	.7	.1								5.7	4.0
VARIABLE		.1	2.6	1.7								4.4	10.1
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	18.7	//////
TOTALS	19.7	26.4	25.9	8.7	.5	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 3344

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80-85
MONTH: JUN HOURS(LST): 0300-0500

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9											.9	2.0
NNE		1.7										1.7	5.5
NE													
ENE													
E													
ESE	.9											.9	1.0
SE													
SSE	.9											.9	2.0
S	3.4	.9										4.3	2.4
SSW	4.3	5.1	1.7									11.1	4.8
SW	2.6	.9	1.7									5.1	4.5
WSW	1.7	3.4	1.7		.9							7.7	6.9
W	3.4	1.7	2.6									7.7	5.0
WNW	4.3	.9										5.1	2.8
NW	3.4	1.7		.9								6.0	4.4
NNW	5.1	1.7	.9									7.7	3.8
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	41.0	//////
TOTALS	30.8	17.9	8.5	.9	.9							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 117

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: JUN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.5	1.9	.4									6.8	3.3
NNE	1.3	1.4	.3									3.0	4.0
NE	.3	.6										.9	3.8
ENE	.1											.1	3.0
E	.4											.4	1.7
ESE	.9	.1										1.0	2.0
SE	.9	.3										1.2	2.6
SSE	1.0	.1	.1									1.3	2.8
S	2.3	2.6	.7	.1								5.8	4.1
SSW	2.3	3.9	2.5	.6								9.2	5.4
SW	.7	1.6	2.2	.4	.1							5.1	7.2
WSW	1.2	1.9	2.9	.9								6.8	7.1
W	1.4	1.0	1.0	.1								3.6	5.2
WNW	1.3	1.2	1.6	.3								4.3	5.7
NW	1.2	2.0	1.7									4.9	5.3
NNW	3.2	2.2	1.4	.1								6.9	4.4
VARIABLE			.6									.6	8.5
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	38.1	//////
TOTALS	22.9	26.8	15.4	2.6	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 693

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: JUN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.1	3.3	.1									7.5	3.4
NNE	2.0	1.8	1.0									4.8	4.7
NE	1.4	.9	.9									3.3	4.4
ENE	.3	.9	.3									1.4	5.3
E	1.3	.3	.7									2.2	4.1
ESE	.9	.4	.1									1.4	3.5
SE	.5	.4										.9	3.0
SSE	1.8	.3	.4									2.5	3.2
S	1.4	2.6	.7	.4								5.1	5.2
SSW	1.6	2.9	3.4	.7	.3							8.8	7.0
SW	.1	2.1	6.6	.9								9.7	8.4
WSW	.9	2.2	4.7	1.3	.1							9.3	7.8
W	1.0	2.1	3.8	1.0								8.0	7.2
WNW	.8	1.7	2.8	.3								5.5	6.9
NW	1.0	1.2	2.5	.3								5.0	6.6
NNW	2.4	2.5	1.4	.8								7.1	5.4
VARIABLE			2.8	.1								2.9	7.9
CALM	////	////	////	////	////	////	////	////	////	////	////	14.5	///
TOTALS	21.6	25.6	32.1	5.8	.4							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 763

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 76-85
MONTH: JUN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	2.7	1.9	.6								7.5	5.8
NNE	.9	1.3	1.0									3.2	4.9
NE	1.2	2.0	1.2									4.3	5.3
ENE	1.4	.6	1.4	.1								3.6	5.8
E	.7	1.0	.4									2.2	4.5
ESE	1.0	.7	.6									2.3	4.6
SE	1.2	1.2	.4	.3								3.0	5.1
SSE	.7	1.4	.6									2.7	4.8
S	.6	1.4	2.0	.1								4.2	6.6
SSW	1.2	3.2	1.9	1.2								7.4	6.8
SW	.9	2.0	3.5	2.0	.1							8.5	8.4
WSW	.7	1.7	5.2	2.7								10.4	8.7
W	1.3	2.9	5.4	1.7	.1							11.4	7.8
WNW	1.2	1.7	2.9	1.4	.1							7.4	7.9
NW	1.0	1.2	1.7	.4								4.3	6.7
NNW	.7	2.9	1.4	.6								5.6	6.3
VARIABLE		.4	5.9	1.2	.1							7.7	9.0
CALM	////	////	////	////	////	////	////	////	////	////	////	4.1	////
TOTALS	16.9	28.5	37.5	12.4	.6							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 691

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: JUN HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.4	2.4	1.9	.3								6.0	5.8
NNE	1.2	2.4	1.5	.2								5.3	5.3
NE	.5	1.0	3.2									4.8	7.0
ENE	1.0	1.5	1.9									4.4	5.9
E	.2	.9	.9	.2								2.0	7.2
ESE	.5	.7	.5	.2								1.9	5.5
SE	.5	.5	.2									1.2	4.6
SSE	1.2	1.0	.5									2.7	4.4
S	1.2	1.7	1.0									3.9	4.7
SSW	.5	2.9	2.4	.3								6.1	6.3
SW	.9	2.6	3.1	1.4								7.8	7.3
WSW	.9	3.4	5.4	2.6								12.2	8.1
W	1.2	3.2	5.3	1.4								11.1	7.4
WNW	.7	2.4	3.7	2.2								9.0	8.0
NW	.9	2.7	2.9	.3								6.8	6.4
NNW	.7	1.2	2.9	.2								4.9	6.8
VARIABLE		.3	3.1	.9								4.3	8.9
CALM	////////////////	////////////////	////////////////	////////////////	////////////////	////////////////	////////////////	////////////////	////////////////	////////////////	////////////////	5.6	//////
TOTALS	13.5	30.8	40.3	15.0								100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 588

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80-85
MONTH: JUN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	WIND SPEED IN KNOTS												
N	.8	1.7	1.7									4.2	5.9
NNE	1.7	2.5	.8									5.0	4.6
NE	1.7	2.9	2.5									7.1	5.5
ENE		1.3	2.1									3.3	6.9
E		.8	.8									1.7	6.0
ESE	.4											.4	3.0
SE	.4		.4									.8	5.0
SSE	1.3	.8	.8									2.9	3.9
S	4.2	2.5										6.7	3.5
SSW	3.3	1.7		.4								5.4	3.8
SW	4.2	2.1	2.5	1.3								10.0	5.7
WSW	1.3	5.0	3.8	.8								10.9	6.7
W	1.7	3.8	2.9	.8								9.2	6.1
WNW	.8	2.1	2.9	.8								6.7	7.0
NW	2.1	2.5	2.1	.4								7.1	5.5
NNW	2.5	1.3	2.1	.4								6.3	5.9
VARIABLE			.4									.4	8.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	11.7	//////
TOTALS	26.4	31.0	25.9	5.0								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 239

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80-85
MONTH: JUN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.0	2.0										5.1	3.2
NNE	2.0	4.0										6.1	3.2
NE	1.0	2.0										3.0	3.7
ENE		1.0										1.0	5.0
E													
ESE													
SE													
SSE	2.0	1.0										3.0	2.3
S	2.0	3.0										5.1	3.6
SSW	8.1	2.0										10.1	2.2
SW	5.1	4.0	1.0									10.1	3.8
WSW	3.0	4.0	1.0									8.1	4.4
W	4.0	3.0										7.1	3.3
WNW	3.0	1.0		1.0								5.1	4.2
NW	1.0		1.0									2.0	5.0
NNW	3.0	3.0	1.0									7.1	4.1
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	27.3	//////
TOTALS	37.4	35.3	4.0	1.0								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 99

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: JUN HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.9	2.4	1.0	.2								6.5	4.5
NNE	1.3	1.8	.9	.0								4.1	4.7
NE	.9	1.3	1.3									3.4	5.4
ENE	.6	.8	.9	.0								2.3	5.8
E	.6	.5	.5	.0								1.6	4.9
ESE	.8	.4	.3	.0								1.5	4.0
SE	.7	.5	.2	.1								1.4	4.3
SSE	1.2	.7	.4									2.3	3.9
S	1.7	2.1	.9	.2								4.9	4.8
SSW	1.9	3.1	2.3	.6	.1							8.0	6.0
SW	1.1	2.1	3.6	1.1	.1							8.0	7.5
WSW	1.0	2.6	4.3	1.6	.1							9.6	7.8
W	1.4	2.4	3.6	1.0	.0							8.4	7.0
WNW	1.2	1.7	2.5	.9	.0							6.4	7.1
NW	1.2	1.7	2.1	.3								5.3	6.1
NNW	2.3	2.2	1.7	.4								6.3	5.5
VARIABLE		.2	2.7	.4	.0							3.3	8.7
CALM	////	////	////	////	////	////	////	////	////	////	////	16.9	////
TOTALS	20.5	26.4	29.0	6.9	.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 3190

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80-85
MONTH: JUL HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.5	.8										3.3	2.5
NNE		.8										.8	4.0
NE													
ENE		.8										.8	4.0
E	.8											.8	1.0
ESE	.8											.8	1.0
SE	.8	.8										1.7	3.0
SSE	2.5											2.5	2.0
S	4.1	3.3										7.4	3.4
SSW		1.7	.8									2.5	5.7
SW	1.7	3.3										5.0	4.3
WSW	.8		.8									1.7	5.5
W	.8	3.3	1.7	.8								6.6	6.3
WNW	4.1	1.7										5.8	2.9
NW	4.1	1.7	.8									6.6	3.3
NNW	2.5	1.7										4.1	3.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	49.6	//////
TOTALS	25.6	19.5	4.1	.8								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS: 121

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: JUL HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.5	1.7	.9									6.0	3.5
NNE	.7	1.0	.1									1.9	4.1
NE		.1										.1	4.0
ENE													
E	.1	.3										.4	3.7
ESE	1.0	.1										1.2	2.3
SE	1.2											1.2	1.5
SSE	2.3											2.3	1.9
S	2.6	1.2	.3									4.0	3.4
SSW	1.7	4.2	2.4									8.3	5.3
SW	.9	2.6	1.9	.3								5.6	5.9
WSW	1.2	1.7	1.0									3.9	4.9
W	1.0	3.2	1.6	.4								6.2	5.9
WNW	.7	1.2	1.2	.1								3.2	6.0
NW	1.6	1.0	.6	.1								3.3	4.4
NNW	3.7	2.6	.3									6.6	3.2
VARIABLE			.1									.1	7.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	45.6	//////
TOTALS	22.2	20.9	10.4	1.0								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 695

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: JUL HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.1	4.0	1.7									9.8	4.3
NNE	1.2	1.3	.4	.1								3.0	4.4
NE	.5	.9	.3	.4								2.1	6.2
ENE	.6	1.0	.5									2.2	4.8
E	.5	.4										.9	2.9
ESE	.6	.5										1.2	3.6
SE	.5	.4	.1									1.0	4.0
SSE	1.0	.6	.1									1.8	3.3
S	.8	3.0	1.0	.3								5.1	5.5
SSW	1.3	3.4	3.2	.4								8.3	6.3
SW	.4	2.8	4.3	.5								8.0	7.2
WSW	.8	2.1	2.8	.1								5.8	6.6
W	1.7	4.3	3.4	.6								10.0	6.2
WNW	1.4	2.1	2.3	.4								6.2	6.2
NW	.9	3.0	2.2	.4								6.5	6.4
NNW	2.6	2.8	1.6									7.0	4.5
VARIABLE		.1	2.8	.3								3.2	8.1
CALM	////////	////////	////////	////////	////////	////////	////////	////////	////////	////////	////////	17.9	//////
TOTALS	19.0	32.4	26.8	3.5								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 772

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: JUL HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	3.3	2.0	.6								8.1	5.4
NNE	1.1	2.1	1.3	.1								4.7	5.5
NE	.7	1.6	.3	.1								2.7	5.2
ENE	.9	.6	.4									1.9	4.8
E	1.4	1.6	.7									3.7	4.3
ESE	.9	1.3	.3									2.4	4.3
SE	.4	.4	.3									1.1	5.0
SSE	.9	.4	.6									1.9	4.5
S	1.1	2.0	1.1	.1								4.4	5.7
SSW	1.0	1.7	3.6	.6	.1							7.0	7.1
SW	.4	1.9	3.1	1.0								6.4	8.1
WSW	.6	2.1	4.6	.4								7.7	7.6
W	2.4	3.3	5.3	.7								11.7	6.4
WNW	1.7	2.7	3.4	.9								8.7	6.3
NW	1.9	3.1	4.1	.6	.1							9.8	6.6
NNW	2.1	4.1	1.9	.4								8.5	5.7
VARIABLE			4.4	.7								5.1	9.1
CALM	////	////	////	////	////	////	////	////	////	////	////	4.1	////
TOTALS	19.4	32.2	37.3	6.3	.3							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 702

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: JUL HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.5	3.4	3.2	.2								8.3	5.9
NNE	1.2	2.0	1.4									4.6	5.3
NE	.7	2.2	.5									3.4	5.2
ENE	.3	1.5	.7	.3								2.9	6.2
E	.9	.7	1.0									2.6	5.5
ESE	1.4	1.5	.5									3.4	4.2
SE	.9	.3	.2									1.4	4.0
SSE	.7	1.2	.5									2.4	4.6
S	1.4	2.4	1.2									4.9	5.0
SSW	.5	.5	1.2	.5								2.7	7.5
SW	.5	2.0	3.1	.5								6.1	7.2
WSW	1.0	3.1	4.9	1.5								10.6	7.3
W	2.2	3.1	4.1	1.2	.2							10.7	7.0
WNW	1.9	3.2	3.9	.5		.2						9.7	6.6
NW	1.0	2.2	5.8	.7								9.7	7.3
NNW	1.4	2.9	2.2									6.5	5.9
VARIABLE			3.1	.3								3.4	8.7
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	6.6	//////
TOTALS	17.4	32.4	37.5	5.8	.2	.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 587

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 78,80-85
MONTH: JUL HOURS(LST): 1800-2000

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.4	4.5	1.5	.4								9.7	4.7
NNE	1.5	1.9	1.5									4.9	4.8
NE	1.1	5.2	3.4									9.7	5.7
ENE		2.6	.7									3.4	5.8
E	.7	.7										1.5	3.5
ESE	1.1	.4										1.5	3.0
SE	1.5											1.5	2.0
SSE	3.0	.4	1.1									4.5	3.7
S	1.1	1.9	1.5									4.5	5.6
SSW	1.9	2.2	1.1									5.2	4.4
SW	2.2	3.4	1.1									6.7	4.5
WSW	2.2	1.5	1.9									5.6	4.9
W	2.2	3.4	2.6									8.2	4.9
WNW	.7	2.2	3.4									6.4	6.5
NW	2.6	4.1	.4	.4								7.5	4.7
NNW	1.9	3.4		.4								5.6	4.1
VARIABLE			.4									.4	10.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	13.1	//////
TOTALS	27.3	37.8	20.6	1.1								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 267

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80-85
MONTH: JUL HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	4.3			.9								5.2	3.3
NNE	3.5	1.7										5.2	2.7
NE	3.5	1.7										5.2	3.0
ENE	.9	1.7										2.6	4.7
E	.9											.9	1.0
ESE													
SE													
SSE		.9										.9	4.0
S	7.0	3.5	.9									11.3	3.6
SSW	4.3	1.7	1.7									7.8	4.1
SW	2.6											2.6	2.3
WSW	1.7	1.7										3.5	3.3
W	4.3	.9	.9									6.1	3.1
WNW	3.5		2.6									6.1	5.6
NW	.9											.9	1.0
NNW	5.2		.9									6.1	3.0
VARIABLE		.9			.9							1.7	11.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	33.9	//////
TOTALS	42.6	14.8	7.0	.9	.9							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 115

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: JUL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.0	3.0	1.7	.2								8.0	4.7
NNE	1.1	1.6	.8	.1								3.6	4.9
NE	.6	1.5	.5	.1								2.7	5.4
ENE	.4	1.0	.4	.1								1.8	5.3
E	.7	.7	.3									1.7	4.2
ESE	.9	.7	.2									1.8	3.7
SE	.8	.3	.1									1.2	3.4
SSE	1.4	.5	.3									2.2	3.5
S	1.7	2.2	.9	.1								4.9	4.8
SSW	1.3	2.5	2.5	.3	.0							6.5	6.1
SW	.8	2.4	2.7	.5								6.4	6.8
WSW	1.0	2.1	2.9	.4								6.4	6.7
W	1.9	3.4	3.3	.6	.0							9.3	6.2
WNW	1.5	2.1	2.6	.4		.0						6.7	6.2
NW	1.5	2.4	2.6	.4	.0							7.0	6.2
NNW	2.5	3.0	1.3	.1								6.9	4.7
VARIABLE		.1	2.2	.3	.0							2.6	8.7
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	20.2	//////
TOTALS	21.3	29.3	25.4	3.6	.1	.0						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 3259

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 78,85
MONTH: AUG HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW	10.0		10.0									20.0	5.0
SW													
WSW													
W	20.0											20.0	2.0
WNW	10.0		10.0									20.0	5.0
NW													
NNW		10.0										10.0	5.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	30.0	//////
TOTALS	40.0	10.0	20.0									100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80-85
MONTH: AUG HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.2											2.2	1.7
NNE	.7	.7	.7									2.2	5.7
NE													
ENE													
E													
ESE													
SE	.7											.7	2.0
SSE	2.2											2.2	1.7
S	6.0		.7									6.7	2.4
SSW			.7									.7	7.0
SW	2.2	3.0		.7								6.0	5.0
WSW	1.5	1.5										3.0	3.0
W	.7		.7									1.5	5.5
WNW	2.2	2.2										4.5	3.3
NW	3.0											3.0	1.5
NNW	6.0	1.5	.7									8.2	3.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	59.0	//////
TOTALS	27.6	9.0	3.7	.7								100.0	1.3

TOTAL NUMBER OF OBSERVATIONS: 134

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 76-85
MONTH: AUG HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.3	2.5	.3									6.1	3.2
NNE	.4	.3	.1	.1								1.0	5.9
NE	.1	.1										.3	3.5
ENE	.1											.1	2.0
E	.1											.1	1.0
ESE	.7											.7	2.0
SE	1.4	.3										1.7	2.4
SSE	3.3	.1										3.5	1.8
S	2.6	.8	.3									3.8	3.2
SSW	2.0	2.5	1.3	.1								5.9	4.8
SW	.7	1.8	1.8	.1								4.5	6.1
WSW	1.3	2.0	1.3	.1								4.6	5.2
W	1.1	1.0	.7	.1								2.9	5.0
WNW	.7	.6	.1	.1								1.5	4.5
NW	1.7	1.4	.6									3.6	4.2
NNW	5.0	2.0	.1									7.1	2.9
VARIABLE			.1									.1	8.0
CALM	////	////	////	////	////	////	////	////	////	////	////	52.4	////
TOTALS	24.7	15.3	6.7	.6								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: AUG HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.4	2.8	.6									6.8	3.5
NNE	1.7	1.7	.8									4.1	4.1
NE	.6	1.0	.4	.1								2.2	5.3
ENE	.5	.8	.1									1.4	4.0
E	.9	.8										1.7	3.2
ESE	.8	.3										1.0	2.5
SE	.5	.4										.9	3.1
SSE	1.8	.9	.4									3.1	3.7
S	1.9	3.6	1.0	.3								6.8	5.1
SSW	1.9	4.9	1.8	.6								9.3	5.6
SW	1.8	2.2	3.0	.4	.1							7.5	6.3
WSW	.5	1.8	3.6	.5								6.5	7.4
W	.8	2.5	2.8	1.0	.1							7.2	7.5
WNW	.9	.6	1.7	.4								3.6	6.6
NW	1.6	1.6	2.2	.1								5.4	6.0
NNW	3.9	1.4	.6	.3								6.2	3.5
VARIABLE			1.0	.4								1.4	9.6
CALM	////	////	////	////	////	////	////	////	////	////	////	24.7	////
TOTALS	23.5	27.3	20.2	4.1	.3							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 774

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: AUG HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.9	1.9	1.2									6.1	4.2
NNE	.7	2.2	1.1									4.0	5.5
NE	1.0	1.7	1.0	.3								3.9	6.0
ENE	1.0	1.9	1.0	.3								4.2	5.7
E	1.1	1.8										2.9	4.1
ESE	1.1	.7	.6									2.4	4.6
SE	.8	.8	.3									1.9	4.2
SSE	1.2	.8	.8									2.9	4.7
S	1.2	3.7	2.2	.4								7.6	5.8
SSW	1.7	4.7	1.8	1.0								9.1	6.1
SW	1.1	2.9	3.6	1.0								8.6	7.0
WSW	1.2	3.5	3.9	1.9								10.5	7.5
W	1.0	2.5	3.3	1.8								8.6	7.5
WNW	.7	.8	2.1	.3	.1							4.0	7.2
NW	1.4	1.9	3.5	.8								7.6	6.7
NNW	2.2	2.6	1.0	.4								6.2	5.0
VARIABLE		.1	4.4	1.0								5.5	8.9
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.9	//////
TOTALS	20.4	34.8	31.7	9.1	.1							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 72[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: AUG HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	2.7	1.6									6.1	5.1
NNE	.9	2.8	2.8									6.6	6.1
NE	.8	1.6	2.3	.5								5.1	7.0
ENE	1.1	.6	.9	.3								3.0	5.8
E	.9	1.4	.9									3.3	5.0
ESE	.9	1.2	.6									2.7	5.0
SE	.2	1.2	.6									2.0	5.6
SSE	.5	1.7	.5									2.7	4.9
S	2.0	2.8	1.4	.3								6.6	5.3
SSW	2.5	3.6	1.4	.2								7.6	4.6
SW	1.2	4.1	2.3	.8	.2							8.6	6.7
WSW	1.4	3.0	3.7	1.2	.2							9.5	7.3
W	1.2	2.8	3.1	1.4								8.6	7.2
WNW	.8	1.6	2.3	.8								5.5	7.3
NW	1.4	3.0	3.0	.2	.2							7.6	6.4
NNW	1.9	3.0	1.1	.2								6.1	4.8
VARIABLE			4.2	.8								5.0	9.1
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	3.6	//////
TOTALS	19.5	37.0	32.9	6.6	.5							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 641

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77,80-85
MONTH: AUG HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.5	1.8										4.3	3.2
NNE	3.4	2.5	1.2									7.1	4.2
NE	1.2	4.3	.6									6.1	4.8
ENE	.9	1.5	.6	.3								3.4	5.1
E	.6	.3	.9									1.8	6.2
ESE	.3	.9										1.2	4.3
SE	1.8	.9										2.8	3.2
SSE	1.8	1.2										3.1	3.1
S	1.2	.9	.3									2.5	3.9
SSW	2.8	1.5	.3									4.6	3.6
SW	1.8	2.8	2.5									7.1	5.7
WSW	2.8	2.5	1.8	.9	.3							8.3	6.0
W	3.4	2.8	1.8									8.0	4.6
WNW	1.8	1.8	1.5	.3	.3							5.8	6.2
NW	1.2	2.1										3.4	3.6
NNW	2.1	2.1	.9									5.2	4.0
VARIABLE			.3									.3	10.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	25.2	//////
TOTALS	29.8	30.1	12.9	1.5	.6							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 326

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

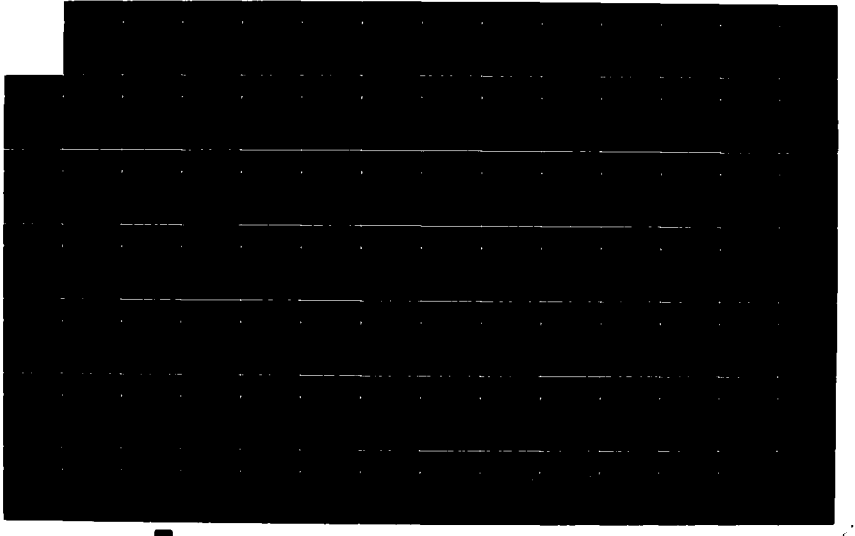
PERIOD OF RECORD: 77,80-85
MONTH: AUG HOURS(LST): 2100-2300

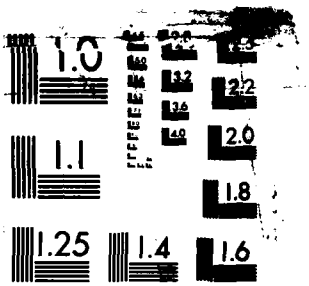
DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.1											3.1	2.3
NNE	3.1	.8										3.9	3.0
NE	3.1	3.1										6.2	3.9
ENE													
E													
ESE	1.6											1.6	2.5
SE													
SSE	.8											.8	2.0
S	5.4	1.6										7.0	2.8
SSW	3.1	1.6	1.6									6.2	4.0
SW	1.6	.8										2.3	2.7
WSW			2.3									2.3	8.3
W	1.6	2.3										3.9	3.4
WNW	1.6	.8	1.6									3.9	5.6
NW	2.3	.8										3.1	2.3
NNW	3.9											3.9	1.8
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	51.9	//////
TOTALS	31.0	11.6	5.4									100.0	1.7

TOTAL NUMBER OF OBSERVATIONS: 129

AD-A175 366 FULDA AAF GERMANY LIMITED SURFACT OBSERVATIONS CLIMATIC SUMMARY 7/15OCS'(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT AFB IL NOV 86 2/3

UNCLASSIFIED USAFETAC/DS-86/065 F/G 4/2 NL





GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 76-85
MONTH: AUG HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.8	2.2	.8									5.8	3.8
NNE	1.2	1.7	1.1	.0								4.1	5.1
NE	.8	1.4	.8	.2								3.1	5.8
ENE	.6	.8	.5	.1								2.1	5.3
E	.7	.8	.3									1.8	4.4
ESE	.8	.5	.2									1.5	4.1
SE	.8	.6	.2									1.6	3.8
SSE	1.7	.8	.3									2.9	3.5
S	2.2	2.4	1.1	.2								5.9	4.8
SSW	2.1	3.5	1.4	.4								7.4	5.2
SW	1.3	2.6	2.5	.5	.1							7.0	6.4
WSW	1.2	2.4	2.8	.9	.1							7.4	6.9
W	1.3	2.1	2.3	.9	.0							6.6	6.7
WNW	1.0	1.0	1.5	.3	.1							3.9	6.5
NW	1.6	1.8	1.9	.2	.0							5.5	5.7
NNW	3.3	2.1	.7	.2								6.3	3.9
VARIABLE		.0	2.0	.4								2.5	9.0
CALM	////	////	////	////	////	////	////	////	////	////	////	24.6	////
TOTALS	23.4	27.1	20.3	4.4	.2							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 3453

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 79,81,83
MONTH: SEP HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N													
NNE	1.9											1.9	2.5
NE													
ENE													
E													
ESE	.9											.9	1.0
SE													
SSE	2.8											2.8	2.3
S	1.9	1.9										3.7	3.5
SSW	2.8	4.6	2.8									10.2	4.9
SW	.9	1.9	4.6									7.4	6.5
WSW													
W	.9	1.9	.9									3.7	5.8
WNW													
NW		1.9										1.9	5.0
NNW	.9	.9										1.9	4.0
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	65.7	//////
TOTALS	13.0	13.0	8.3									100.0	1.6

TOTAL NUMBER OF OBSERVATIONS: 108

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 79-85
MONTH: SEP HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.0	1.0	.5									2.6	4.6
NNE	.5											.5	2.0
NE													
ENE													
E													
ESE													
SE	2.6											2.6	1.4
SSE	2.6	.5										3.1	2.5
S	1.6	3.1										4.7	3.9
SSW	1.6	4.1	1.0									6.7	4.8
SW	1.6	3.6	3.1	1.0								9.3	6.3
WSW	1.6	1.6	1.0									4.1	5.0
W	1.0	1.6	.5	1.6								4.7	7.0
WNW	1.0	1.0	1.0									3.1	4.8
NW		1.0		.5								1.6	8.0
NNW	1.6											1.6	2.3
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	55.4	//////
TOTALS	16.6	17.6	7.3	3.1								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS: 193

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 0600-0800

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	2.0	.2									4.0	3.3
NNE	.2	.3	.2									.6	4.5
NE	.3	.2										.5	3.3
ENE	.2											.2	1.0
E	.2	.2										.3	3.0
ESE	.6	.2										.8	2.2
SE	1.8	.2										2.0	1.7
SSE	2.4	.5	.2									3.0	2.5
S	2.9	2.1	.5									5.5	3.6
SSW	1.8	4.4	1.5	.5								8.2	5.4
SW	1.5	1.8	3.0	.5								6.8	6.5
WSW	.9	1.7	1.5	.3								4.4	6.1
W	.5	2.3	1.2	.3								4.3	6.3
WNW	.5	.6	.5	.5	.2							2.1	7.9
NW	.8	.8	.2									1.7	4.1
NNW	2.1	.9	.2									3.2	3.4
VARIABLE			.8	.3								1.1	9.7
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	51.5	//////
TOTALS	18.4	17.9	9.7	2.3	.2							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 658

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.3	2.1	.3									5.7	3.3
NNE	.8	1.0	.8									2.6	4.9
NE	.3	1.0	1.0	.1								2.4	6.4
ENE	.6	.3										.8	3.0
E	.3	.1										.4	2.7
ESE	.3											.3	2.0
SE	.8	.1	.3									1.3	3.4
SSE	1.0	.6	.4									2.0	3.9
S	2.0	4.2	2.9	.3								9.3	5.6
SSW	1.1	4.2	3.6	.8								9.8	6.4
SW	.8	1.8	4.0	1.4	.3							8.4	8.0
WSW	.6	1.5	2.5	1.4								6.0	8.2
W	.1	1.5	3.5	1.4								6.6	8.6
WNW	.6	1.3	.3	.8								2.9	7.0
NW	.6	.4	1.1		.1							2.2	6.8
NNW	2.5	1.1	.3	.3								4.2	4.1
VARIABLE			2.6	1.4								4.2	9.7
CALM	////	////	////	////	////	////	////	////	////	////	////	31.0	////
TOTALS	15.6	21.2	23.8	7.9	.4							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.2	1.0	.9									4.2	4.0
NNE	1.2	.9	1.0	.1								3.3	5.2
NE	1.2	1.5	1.0									3.7	5.2
ENE	.7	.9	.4	.1								2.2	4.9
E	.7	.3										1.0	3.3
ESE	.3	.1										.4	3.0
SE	.7	.4	.6									1.8	4.8
SSE	1.9	1.5	.6	.1								4.2	4.3
S	2.4	2.7	2.1	.3								7.4	5.4
SSW	1.6	5.0	4.9	.6								12.2	6.5
SW	.3	2.7	5.5	2.2								10.7	8.6
WSW	.6	2.1	5.3	1.6								9.6	8.3
W	1.0	3.4	4.0	2.5								11.0	8.3
WNW	.9	1.3	.6	1.3								4.2	7.4
NW	.6	1.2	.6	.3								2.7	6.1
NNW	1.6	2.1	.9	.1								4.7	5.2
VARIABLE			4.7	2.2	.1							7.1	10.2
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	9.6	//////
TOTALS	18.1	27.2	33.2	11.7	.1							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 674

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	1.8	.5									4.2	4.1
NNE	2.0	1.2	.5									3.7	3.9
NE	1.0	1.3	.8									3.2	4.5
ENE	.8	.5	.3									1.7	4.2
E	.2	.3	.2									.7	5.8
ESE	.3	.2										.5	2.3
SE	.5	.3										.8	3.6
SSE	.7	1.2	.7									2.5	4.9
S	2.7	3.5	1.7	.2								8.0	4.7
SSW	3.3	4.7	3.3	.7								12.0	5.7
SW	2.0	5.2	6.0	1.2								14.3	6.9
WSW	1.3	3.5	4.3	1.0								10.1	6.9
W	1.7	2.0	5.3	1.5	.2							10.6	7.4
WNW	1.0	2.2	2.5	1.3		.2						7.2	7.9
NW	.8	1.3	1.7									3.8	5.7
NNW	.8	1.8	1.0									3.7	5.1
VARIABLE			3.5	.8								4.3	9.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.8	//////
TOTALS	21.0	36.9	32.3	6.7	.2	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 601

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 79-85
MONTH: SEP HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	.8	.3									2.1	4.1
NNE	1.9	2.1										4.0	3.1
NE	.8	1.1	.8									2.7	5.0
ENE	.5	.5										1.1	3.8
E													
ESE													
SE	.3											.3	3.0
SSE	2.4	.3										2.7	2.6
S	8.2	2.4	.3									10.9	2.7
SSW	2.4	3.2	4.0	.3								9.8	5.9
SW	4.3	3.7	2.7									10.6	4.6
WSW	3.2	1.9	1.6	.5								7.2	5.0
W	3.5	2.9	.8	.8								8.0	4.8
WNW	.8	3.5	.5									4.8	4.5
NW	2.1	.3										2.4	2.6
NNW	.8	.8	1.3	.3								3.2	6.0
VARIABLE				.3								.3	13.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	30.1	//////
TOTALS	32.2	23.4	12.2	2.1								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 376

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77,79-85
MONTH: SEP HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.5	1.0										2.5	2.8
NNE	.5	.5										1.0	2.5
NE													
ENE													
E													
ESE	.5											.5	2.0
SE													
SSE	1.5											1.5	2.3
S	8.0	2.0	1.0									11.0	3.1
SSW	4.5	2.5	3.0									10.0	4.9
SW	2.5	1.0	3.0									6.5	5.2
WSW	1.0	1.5	1.0									3.5	5.1
W	1.5	1.0										2.5	3.6
WNW	1.0	1.5										2.5	3.4
NW	2.0	.5		.5								3.0	4.3
NNW	3.0	1.5	.5									5.0	3.7
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	50.5	//////
TOTAL	27.5	13.0	8.5	.5								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS: 200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.0	1.5	.4									3.9	3.7
NNE	1.1	.9	.5	.0								2.5	4.3
NE	.6	.9	.6	.0								2.1	5.2
ENE	.5	.4	.1	.0								1.0	4.2
E	.3	.2	.0									.5	3.8
ESE	.3	.1										.4	2.3
SE	.9	.2	.2									1.3	3.1
SSE	1.7	.7	.3	.0								2.8	3.6
S	3.3	2.9	1.4	.1								7.9	4.4
SSW	2.1	4.3	3.3	.5								10.2	5.9
SW	1.6	2.8	4.2	1.0	.1							9.7	7.0
WSW	1.1	2.0	2.8	.9								6.8	7.1
W	1.1	2.2	2.8	1.2	.0							7.4	7.3
WNW	.7	1.5	.8	.7	.0	.0						3.8	6.9
NW	.9	.9	.7	.1	.0							2.5	5.4
NNW	1.7	1.3	.6	.1								3.7	4.5
VARIABLE			2.2	.9	.0							3.2	9.8
CALM	////	////	////	////	////	////	////	////	////	////	////	30.4	//////
TOTALS	19.9	22.7	21.0	5.8	.2	.0						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 3527

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 84
MONTH: OCT HOURS(LST): 0000-0200

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N													
NNE													
NE													
ENE													
E													
ESE													
SE	20.0											20.0	2.0
SSE													
S	20.0											20.0	3.0
SSW													
SW		20.0										20.0	6.0
WSW													
W													
WNW													
NW													
NNW													
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	40.0	//////
TOTALS	40.0	20.0										100.0	2.2

TOTAL NUMBER OF OBSERVATIONS: 5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80,84-85
MONTH: OCT HOURS(LST): 0300-0500

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	WIND SPEED IN KNOTS												
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S	14.3											14.3	2.0
SSW													
SW													
WSW													
W													
WNW	14.3											14.3	3.0
NW													
NNW													
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	71.4	//////
TOTALS	28.6											100.0	.7

TOTAL NUMBER OF OBSERVATIONS: 7

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.2	1.5	.6	.1								4.4	4.1
NNE		.6	.1									.7	4.6
NE	.4	.3										.7	3.4
ENE	.4											.4	1.3
E	.1		.1									.3	5.0
ESE	.7	.1	.1									1.0	3.9
SE	1.8	.1	.1									2.1	2.9
SSE	2.4	.6	.3									3.3	3.1
S	4.3	4.6	1.6	.1								10.7	4.5
SSW	1.8	4.3	3.3	.7								10.1	6.0
SW	2.4	2.8	3.3	1.3	.3							10.1	6.9
WSW	.1	.9	.7	1.2	.1							3.1	9.8
W	.9	.7	1.2	.7	.3							3.9	8.2
WNW	.7	.4	.1	.1								1.5	4.9
NW	.6	.9										1.5	3.5
NNW	2.4	.1		.1								2.7	3.2
VARIABLE				.1								.1	12.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	43.4	//////
TOTALS	21.3	18.1	11.7	4.7	.7							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 675

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.7	1.4	1.2	.3								5.6	4.9
NNE	.5	.8	.1									1.4	4.3
NE	.5	.3	.1									.9	3.7
ENE	.5	.1	.1									.8	3.8
E	.9	.1	.3	.1								1.4	4.6
ESE	.9		.3									1.2	3.9
SE	.7	.1		.4								1.2	5.9
SSE	1.4	1.2	.3									2.9	3.7
S	3.6	4.3	3.5	.5								12.0	5.4
SSW	1.3	5.9	4.6	1.2								12.9	6.6
SW	.7	2.6	5.2	1.6	.3							10.3	8.3
WSW	.3	1.0	2.7	1.4	.4	.1						6.0	9.7
W	.7	.7	2.1	.5	.1							4.0	7.9
WNW	.7	1.0	.9	.1								2.7	5.9
NW	.5	.7	1.0	.1		.1						2.5	7.6
NNW	2.3	.8		.1								3.3	3.1
VARIABLE			.5	.1								.7	9.4
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	30.4	//////
TOTALS	18.2	20.9	22.9	6.5	.8	.3						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 769

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	2.5	.7	.1	.1							5.3	5.2
NNE	.7	1.7	.8	.1								3.3	5.6
NE	.4	.7	.1									1.3	4.2
ENE	.4	.6	.7									1.7	5.9
E	.3		.4	.3								1.0	8.3
ESE	.8	.8	.8	.3								2.8	6.3
SE	.6	1.1	.6									2.2	5.2
SSE	.6	.3	.7									1.5	5.1
S	1.8	5.7	5.4	.8								13.8	6.3
SSW	1.1	5.2	7.9	1.1								15.3	7.2
SW	.6	2.9	5.7	2.8	1.1							13.1	9.4
WSW	1.0	1.0	2.8	2.5	.4							7.7	9.4
W	.3	1.1	2.8	1.8								6.0	9.1
WNW	.6	1.1	1.7	.6	.3							4.2	8.1
NW	.6	.8	.8									2.2	5.7
NNW	1.1	1.7	.7									3.5	4.8
VARIABLE			1.1	.8								2.0	10.7
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	13.1	//////
TOTALS	12.6	27.2	33.9	11.3	2.0							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	2.1	1.0									4.9	4.6
NNE	.5	2.1	1.3									3.9	5.9
NE	.3	1.5	.3									2.1	5.3
ENE	.3	.3	.5	.2								1.3	6.9
E		.2	.5	.3								1.0	9.8
ESE	.5	.5	.3									1.3	4.6
SE	.8	.8	1.0									2.6	5.7
SSE	2.1	.8	1.0	.2								4.1	4.5
S	3.6	7.5	2.0	.2								13.2	4.9
SSW	3.1	7.0	3.4	.8								14.3	5.6
SW	1.8	5.0	6.7	1.8	1.0							16.3	7.7
WSW	.5	3.6	2.6	1.8								8.5	7.7
W	.5	2.0	2.6	.7								5.7	7.4
WNW	.7	1.5	1.0	.5	.5							4.1	8.0
NW	.2	1.6	.5	.3								2.6	6.1
NNW	1.6	1.0	.5	.3								3.4	4.4
VARIABLE			1.5	.7	.2							2.3	10.7
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	8.5	//////
TOTALS	18.2	37.5	26.5	7.7	1.6							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 614

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80-85
MONTH: OCT HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.9	3.3										6.2	3.6
NNE	1.1	2.5	.4									4.0	4.2
NE	.7	.4	.7									1.8	5.2
ENE	1.5											1.5	2.0
E	.4											.4	1.0
ESE	.4											.4	1.0
SE		.7										.7	4.0
SSE	1.1	1.1										2.2	3.3
S	7.6	2.9	1.1									11.6	3.4
SSW	4.7	5.1	2.9	.7								13.5	4.9
SW	2.5	3.6	4.7	1.5	.7							13.1	7.4
WSW	1.5	3.6	4.4	.7								10.2	6.8
W	.7	1.5	1.1	.7	.4							4.4	8.1
WNW		1.1	.4									1.5	5.5
NW	1.1	.7	.4									2.2	4.2
NNW	1.1	1.8										2.9	3.6
VARIABLE			.4									.4	8.0
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	23.3	//////
TOTALS	27.3	28.4	16.4	3.6	1.1							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 275

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80-85
MONTH: OCT HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		3.8										3.8	4.7
NNE	1.3	1.9	1.3									4.5	5.0
NE													
ENE	.6											.6	2.0
E	.6		.6									1.3	4.5
ESE	.6											.6	2.0
SE	1.9											1.9	2.3
SSE	3.2	1.3	.6									5.1	3.4
S	7.1	3.8										10.9	3.1
SSW	3.2	1.3	3.2									7.7	5.5
SW	1.3	1.3	3.8	1.9								8.3	8.2
WSW	1.3	3.8	1.3	1.3								7.7	6.5
W	.6	.6	1.3									2.6	5.5
WNW		1.9	1.3									3.2	6.4
NW													
NNW	2.6	2.6										5.1	3.5
VARIABLE			1.3									1.3	9.5
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	35.3	//////
TOTALS	24.4	22.4	14.7	3.2								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 156

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.1	2.1	.7	.1	.0							5.1	4.6
NNE	.5	1.4	.6	.0								2.5	5.2
NE	.4	.6	.2									1.2	4.5
ENE	.5	.2	.3	.0								1.1	4.8
E	.4	.1	.3	.2								.9	6.5
ESE	.7	.3	.3	.1								1.4	4.9
SE	.9	.5	.3	.1								1.9	4.7
SSE	1.6	.8	.5	.0								2.9	3.9
S	3.9	5.1	2.9	.4								12.3	5.1
SSW	2.1	5.3	4.6	.9								12.9	6.3
SW	1.4	3.2	5.1	1.8	.6							12.2	8.1
WSW	.6	1.8	2.4	1.6	.2	.0						6.7	8.6
W	.6	1.1	2.0	.9	.1							4.7	8.1
WNW	.6	1.1	.9	.3	.2							3.0	7.0
NW	.5	.9	.6	.1		.0						2.1	5.9
NNW	1.8	1.1	.2	.1								3.3	3.9
VARIABLE			.7	.4	.0							1.1	10.9
CALM	////	////	////	////	////	////	////	////	////	////	////	24.8	////
TOTALS	18.7	25.5	22.7	7.0	1.2	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 3218

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 84
MONTH: NOV HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW		50.0										50.0	4.0
NNW													
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	50.0	//////
TOTALS		50.0										100.0	2.0

TOTAL NUMBER OF OBSERVATIONS: 2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 78,84
MONTH: NOV HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW			33.3									33.3	7.0
W													
WNW													
NW													
NNW													
VARIABLE													
CALM	//////////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	66.7	//////
TOTALS			33.3									100.0	2.3

TOTAL NUMBER OF OBSERVATIONS: 3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 0600-0800

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	WIND SPEED IN KNOTS												
N	1.1	1.0	.5									2.6	4.0
NNE	.2	.6	1.3									2.1	6.8
NE	.3	.2	1.1	.3								1.9	7.9
ENE		.3	.5	.3								1.1	8.9
E	.3	.2										.5	3.3
ESE	.6											.6	1.3
SE	1.5											1.5	2.3
SSE	1.1	.6	.3									2.1	4.2
S	3.4	4.2	1.8									9.4	4.4
SSW	2.6	3.7	5.0	.6								12.0	6.4
SW	1.3	1.5	4.7	2.4	.5							10.4	9.1
WSW	.5	1.8	1.9	2.3	.6	.2						7.3	10.0
W	.6	1.9	2.9	.8	.5							6.8	8.1
WNW	.6	.8	.5	.6								2.6	6.6
NW	.8	1.9	.6	.2								3.6	5.3
NNW	1.0	.8	.5									2.3	4.1
VARIABLE			.2	.6	.3	.2						1.3	15.6
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	32.0	//////
TOTALS	16.0	19.6	21.8	8.3	1.9	.3						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 618

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	1.4	.3									3.6	3.6
NNE	.7	1.1	1.5	.1								3.5	6.3
NE	.3	.1	1.0	.3								1.7	8.6
ENE			.4	.1								.6	10.5
E	.1		.1	.1								.4	8.3
ESE	.3			.1								.4	5.0
SE	.8	.1										1.0	2.3
SSE	1.3	.3	.3	.1								1.9	4.1
S	3.6	4.5	2.5	.1								10.7	4.8
SSW	1.8	5.0	7.6	1.9	.1							16.6	7.5
SW	1.3	3.3	4.6	3.1	.6	.6						13.4	9.3
WSW	.3	2.4	3.2	2.9	.3							9.0	9.5
W	.3	1.3	1.7	1.8								5.0	9.3
WNW		.6	.4	.3								1.3	8.0
NW	.6	1.1	1.0									2.6	5.8
NNW	1.4	1.5	1.0									3.9	4.9
VARIABLE			.6	.1	.4	.1						1.3	14.1
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	23.2	//////
TOTALS	14.6	22.7	26.1	11.3	1.4	.7						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.9	1.8	1.4	.2								4.2	5.6
NNE	.3	1.5	2.0									3.8	6.4
NE	.5	.3	1.8	.3								2.9	7.8
ENE	.2	.6	.2									.9	5.2
E		.2	.6	.2								.9	8.5
ESE	.5	.3										.8	3.2
SE	.5		.3									.8	5.4
SSE	1.5	.5	.2	.2								2.3	3.7
S	2.0	3.5	3.9	.6								9.9	6.1
SSW	1.4	4.8	7.5	2.1								15.8	7.3
SW	1.2	2.3	8.9	3.6	.3	.5						16.7	9.2
WSW	.2	1.8	3.9	2.7	.5							9.0	9.8
W	.5	.8	3.6	1.8	.3							6.9	9.3
WNW	.3	.3	1.2	.3	.3							2.4	9.1
NW	.5	.9	2.0	.3								3.6	7.4
NNW	1.5	1.1	.3	.2								3.0	4.2
VARIABLE			1.1	1.2	.3	.2						2.7	12.4
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	13.5	//////
TOTALS	11.6	20.5	38.6	13.5	1.7	.6						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 665

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.1	1.1	1.1									3.2	5.1
NNE	1.8	1.8	1.8	.2								5.6	5.4
NE	.4	.2	2.0	.7								3.2	9.1
ENE	.2	.2	.4	.4								1.1	7.8
E													
ESE		.4										.4	4.0
SE	.5											.5	2.3
SSE	1.4	1.3	.7									3.4	4.1
S	3.4	2.7	2.2									8.3	4.5
SSW	1.6	7.6	6.7	1.8								17.7	6.9
SW	1.9	3.8	5.0	3.2	.9							14.8	8.6
WSW	1.6	2.7	3.1	.7	.5							8.6	7.4
W	1.1	1.8	2.7	2.2	.4							8.1	9.1
WNW	.7	.5	1.6	.5	.4							3.8	8.7
NW	.7	1.4	.4	.5								3.1	6.4
NNW	1.3	1.3	.2									2.7	3.7
VARIABLE			1.3	.5								1.8	10.5
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	13.7	//////
TOTAL	17.7	26.7	29.0	10.8	2.2							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 555

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76,78-85
MONTH: NOV HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.1	1.4										3.5	2.9
NNE	.7	3.9	1.4	.4								6.4	5.9
NE		.7	2.5	.7								3.9	8.8
ENE	.4		.4	.4								1.1	7.3
E			.4									.4	8.0
ESE	.7	.4										1.1	2.3
SE	.4	.4										.7	3.5
SSE	1.8	.7										2.5	2.9
S	4.2	3.9	1.1									9.2	4.0
SSW	3.2	6.7	3.9	1.8								15.5	6.2
SW	2.5	2.8	1.1	1.8								8.1	6.6
WSW	2.8	.7	1.8	1.1	.4							6.7	6.8
W	.4	.4	4.2	3.2								8.1	10.7
WNW	1.1			.4								1.4	4.8
NW	1.1	1.4	.4									2.8	4.0
NNW	2.8	.4										3.2	2.3
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	25.4	//////
TOTALS	24.0	23.7	17.0	9.5	.4							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 263

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76,80-85
MONTH: NOV HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N		.7	.7									1.4	6.0
NNE		1.4	.7									2.2	5.7
NE			3.6									3.6	8.8
ENE			2.2									2.2	9.3
E													
ESE	1.4	.7										2.2	2.7
SE	.7											.7	1.0
SSE	.7	1.4										2.2	4.7
S	5.1	4.3	.7									10.1	3.6
SSW	2.9	3.6	2.2	.7								9.4	6.0
SW	.7	1.4	2.2	.7	2.2							7.2	11.5
WSW		.7	.7	1.4	1.4							4.3	13.2
W	1.4	.7	4.3	.7	.7							8.0	8.6
WNW	1.4		.7									2.2	3.7
NW	1.4	1.4	1.4									4.3	5.5
NNW	5.1			.7								5.8	3.5
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	34.1	//////
TOTALS	21.0	16.7	19.6	4.3	4.3							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 138

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): ALL

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
	WIND SPEED IN KNOTS												
N	1.3	1.3	.7	.0								3.4	4.5
NNE	.7	1.5	1.6	.1								3.9	6.1
NE	.3	.2	1.6	.4								2.6	8.4
ENE	.1	.2	.4	.2								1.0	8.0
E	.1	.1	.2	.1								.4	7.2
ESE	.4	.2		.0								.7	3.0
SE	.8	.1	.1									.9	2.9
SSE	1.3	.7	.3	.1								2.4	3.9
S	3.3	3.8	2.4	.2								9.6	4.9
SSW	2.0	5.3	6.3	1.6	.0							15.2	7.0
SW	1.4	2.6	5.2	2.8	.6	.2						12.9	9.0
WSW	.8	1.9	2.8	2.1	.5	.0						8.2	9.1
W	.6	1.3	2.9	1.7	.3							6.8	9.1
WNW	.5	.5	.8	.4	.1							2.3	7.8
NW	.7	1.4	1.0	.2								3.3	6.0
NNW	1.6	1.0	.4	.1								3.2	4.1
VARIABLE			.6	.5	.2	.1						1.5	12.9
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	21.9	//////
TOTALS	16.0	22.1	27.4	10.6	1.7	.4						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 2983

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 76,84
MONTH: DEC HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S		50.0										50.0	4.0
SSW		50.0										50.0	6.0
SW													
WSW													
W													
WNW													
NW													
NNW													
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////	//////
TOTALS		100.0										100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105945 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.8	1.3	1.0									4.1	3.9
NNE	.2	1.3	.7	.2								2.3	6.0
NE													
ENE		.3										.3	4.5
E	.2	.3										.5	3.3
ESE	.5	.3	.3									1.1	4.9
SE	1.0	1.1	.2									2.3	3.6
SSE	1.5	1.1	.5									3.1	3.8
S	2.4	6.2	3.3	.3								12.2	5.5
SSW	2.9	5.7	5.1	1.3	.3							15.3	6.6
SW	1.6	2.1	4.1	4.6	.5							12.9	9.0
WSW	.7	1.0	2.3	1.6	.8	.2						6.5	10.4
W	.5	.5	.7	1.3	.7							3.6	11.0
WNW	.2	.8	.2	.3	.3							1.8	9.4
NW	.7	1.5	.3	.2								2.6	5.1
NNW	1.6	1.5	.3	.3								3.8	4.5
VARIABLE			.3	.2	.3							.8	14.6
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	26.8	//////
TOTALS	15.7	25.1	19.1	10.3	2.9	.2						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 613

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	1.1	.1									2.5	3.7
NNE	.3	.6	1.9	.1								2.9	7.5
NE	.6	.3	.1									1.0	3.9
ENE	.6											.6	2.3
E	.1	.3										.4	4.3
ESE	.8		.1									1.0	3.3
SE	1.0	.6	.3									1.8	3.8
SSE	1.9	1.4	.1									3.4	3.2
S	3.0	5.6	4.5	.8								14.0	5.9
SSW	1.9	5.8	6.5	1.5								15.7	7.0
SW	1.4	2.3	3.9	2.5	.7		.1					10.9	9.0
WSW	.6	1.0	4.4	2.8	.7	.1	.1					9.6	10.7
W	.3	.8	1.7	1.7	.3			.1				4.8	10.7
WNW	.3	.1		.7	.1							1.2	11.0
NW	.6	.7	.8									2.1	5.5
NNW	2.5	1.1	.4									4.0	3.6
VARIABLE			.1	.7								.8	12.2
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	23.5	//////
TOTALS	16.9	21.6	25.1	10.7	1.8	.1	.3	.1				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 726

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.7	.4	.4									1.5	4.9
NNE	.7	.8	1.3	.1								2.9	6.2
NE		1.0	.4	.1								1.5	6.6
ENE	.3	.4	.3									1.0	5.6
E	.1	.1	.1									.4	5.7
ESE	.1		.3									.4	6.3
SE	1.0	.4	.1									1.5	3.5
SSE	1.1	.8	.4									2.4	4.2
S	2.1	3.9	4.6	1.3								11.9	6.9
SSW	2.1	4.9	5.5	2.0								14.5	7.0
SW	1.3	3.8	5.2	3.5	.6	.3						14.6	8.9
WSW	.6	1.5	3.1	3.7	.8							9.7	10.4
W	.6	.7	2.5	2.0	.3							6.0	9.9
WNW	.6	.4	.6	.3	.1							2.0	7.4
NW	1.5	1.3	1.0	.7	.1							4.6	6.6
NNW	1.5	1.7	.1									3.4	3.8
VARIABLE			1.1	1.3	.4							2.8	12.6
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	18.7	//////
TOTALS	14.3	22.3	27.1	14.9	2.4	.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 712

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	.8	1.4	.3									2.5	4.7
NNE	.8	1.9	1.0									3.7	5.2
NE	.3	.7	.5									1.5	5.0
ENE	.5	.2	.5									1.2	5.0
E	.2											.2	1.0
ESE	.5	.3										.8	3.2
SE	.8	.3	.3	.2								1.7	5.1
SSE	1.4	.8	.2									2.4	3.3
S	2.4	4.4	2.4	1.2								10.3	5.9
SSW	3.6	6.6	4.7	1.5								16.4	6.0
SW	1.5	3.9	5.4	3.2	.5	.3						14.9	8.6
WSW	.3	1.4	4.4	2.2	.7							9.0	10.0
W	.7	1.7	2.9	1.2	.2							6.6	8.6
WNW	1.0	1.0	.3	.2								2.5	5.2
NW	.8	1.0	.7	.3								2.9	5.7
NNW	.8	1.2	.3	.2								2.5	5.1
VARIABLE			1.0	.8	.2							2.0	11.4
CAL*	////	////	////	////	////	////	////	////	////	////	////	18.8	////
TOTALS	16.6	26.7	25.0	11.0	1.5	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 791

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77,79-85
MONTH: DEC HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.9	2.3	.4									4.6	3.6
NNE	1.5	1.1	.4									3.0	4.1
NE		.4	.4									.8	6.5
ENE													
E	.4											.4	2.0
ESE	.4											.4	2.0
SE	.8											.8	2.5
SSE	1.9	1.5	.4	.4	.4							4.6	5.8
S	2.7	3.8	3.8	.4								10.6	5.5
SSW	1.9	8.7	5.3	.4								16.3	6.0
SW	.8	3.0	6.8	2.7	.8							14.1	9.1
WSW		1.9	1.9	2.7	.4							6.8	10.5
W			1.5	1.9	.8	.4						4.6	13.4
WNW		.8	1.5									2.3	7.3
NW	.4	.4	1.5									2.3	6.2
NNW	.8	1.1	1.1									3.0	5.1
VARIABLE													
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	25.5	//////
TOTALS	13.3	25.1	25.1	8.4	2.3	.4						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 263

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80-85
MONTH: DEC HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.4											2.4	2.5
NNE		2.4										2.4	5.0
NE		1.2	1.2									2.4	6.5
ENE													
E	1.2											1.2	1.0
ESE		1.2										1.2	4.0
SE													
SSE	2.4											2.4	2.0
S		2.4	11.8									14.1	7.6
SSW	3.5	9.4	8.2									21.2	5.8
SW		3.5	5.9	2.4	1.2							12.9	9.9
WSW			1.2	2.4	3.5							7.1	16.2
W			2.4			1.2						3.5	14.3
WNW	1.2											1.2	1.0
NW													
NNW	1.2	1.2	2.4									4.7	6.5
VARIABLE													
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	23.5	//////
TOTALS	11.8	21.2	32.9	4.7	4.7	1.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 85

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	1.2	1.1	.4									2.8	4.1
NNE	.6	1.1	1.1	.1								2.9	6.0
NE	.2	.5	.3	.0								1.0	5.5
ENE	.3	.2	.2									.7	4.6
E	.2	.2	.0									.4	3.7
ESE	.5	.2	.2									.8	4.1
SE	.9	.5	.2	.0								1.7	3.9
SSE	1.5	1.1	.3	.0	.0							3.0	3.9
S	2.4	4.9	4.0	.8								12.2	6.1
SSW	2.5	6.1	5.5	1.4	.1							15.7	6.6
SW	1.3	3.0	4.8	3.3	.6	.1	.0					13.3	8.9
WSW	.5	1.2	3.3	2.6	.8	.1	.0					8.6	10.5
W	.4	.8	1.9	1.5	.4	.1		.0				5.1	10.2
WNW	.5	.6	.4	.3	.1							1.9	7.6
NW	.8	1.0	.8	.3	.0							2.9	5.9
NNW	1.6	1.3	.4	.1								3.4	4.3
VARIABLE			.6	.7	.2							1.4	12.4
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	22.2	//////
TOTALS	15.5	23.0	24.5	11.3	2.2	.3	.1	.0				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 2992

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 76-85
MONTH: ALL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	2.3	2.1	1.1	.2	.0	.0						5.7	4.8
NNE	1.0	1.8	1.7	.2								4.6	5.9
NE	.5	1.0	1.0	.2								2.7	6.4
ENE	.4	.5	.5	.2	.0							1.7	6.4
E	.4	.3	.3	.1								1.1	5.2
ESE	.6	.4	.2	.1	.0							1.3	4.7
SE	.8	.4	.3	.0								1.5	4.2
SSE	1.3	.8	.4	.1	.0							2.6	4.1
S	2.5	3.1	2.1	.4	.0							8.1	5.4
SSW	1.8	3.9	3.5	1.0	.0	.0						10.2	6.5
SW	1.1	2.3	3.6	1.7	.3	.1	.0					9.0	8.2
WSW	.8	1.8	2.8	1.5	.2	.0	.0					7.2	8.4
W	.9	1.5	2.4	1.4	.2	.0		.0				6.4	8.3
WNW	.8	1.0	1.2	.5	.1	.0	.0					3.6	7.0
NW	1.1	1.4	1.3	.3	.0	.0						4.2	6.0
NNW	2.2	1.6	.9	.2	.0							5.0	4.6
VARIABLE		.0	1.6	.8	.1	.0	.0					2.5	10.4
CALM	////	////	////	////	////	////	////	////	////	////	////	22.4	////
TOTALS	18.4	24.1	25.0	8.8	1.1	.2	.0	.0				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 39102

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-86
MONTH: ALL HOURS(LST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILTIES 1/2 MILE OR MORE
AND/OR
CEILINGS 200 FEET OR MORE WITH VISIBILTIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND
N	3.2	3.0	1.6	.2								8.0	4.6
NNE	1.1	2.5	2.4	.3								6.3	6.1
NE	.3	.7	.7	.1								1.8	6.1
ENE	.3	.1	.1	.0								.5	3.9
E	.2	.0	.0									.2	2.7
ESE	.4	.1										.6	2.4
SE	.8	.1	.0									.9	2.4
SSE	1.3	.6	.1	.0								2.1	3.3
S	3.0	3.5	2.3	.2	.0							9.0	5.1
SSW	1.8	4.5	4.2	1.2	.1	.0						11.8	6.7
SW	1.0	2.2	3.1	1.7	.4	.1						8.5	8.6
WSW	.4	.7	1.5	.9	.2							3.8	8.9
W	.4	.3	.7	.4	.1	.0		.0				2.0	8.6
WNW	.7	.5	.4	.1	.0	.0						1.8	5.7
NW	1.6	1.4	1.1	.1								4.3	4.9
NNW	3.3	2.0	1.0	.2								6.5	4.1
VARIABLE			.6	.4	.1	.0						1.1	11.1
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	30.9	//////
TOTALS	20.0	22.3	19.6	6.0	.9	.7		.0				100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 7053

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CEILING VERSUS VISIBILITY

PART 3

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling," versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and the tables are presented by month and available 3-hour groups.

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Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the 10 mi visibility category should be used with great caution.

For overseas civilian stations reporting "CAVOK", all ceilings greater than 5,000 feet are suppressed into the 5,000 foot ceiling class.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 85
MONTH: JAN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 20000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 18000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 16000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 14000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 12000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 10000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 9000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 8000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 7000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 6000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 5000	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
GE 4500	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
GE 4000	22.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 3500	32.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 3000	41.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 2500	41.9	45.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 2000	41.9	48.4	51.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 1800	45.2	51.6	54.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 1500	51.6	58.1	61.3	71.0	71.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 1200	51.6	58.1	64.5	74.2	74.2	77.4	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1000	58.1	67.7	74.2	83.9	83.9	87.1	96.8	96.8	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0
GE 900	58.1	67.7	74.2	83.9	83.9	87.1	96.8	96.8	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0
GE 800	58.1	67.7	74.2	83.9	83.9	87.1	96.8	96.8	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0
GE 700	58.1	67.7	74.2	83.9	83.9	87.1	96.8	96.8	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0
GE 600	58.1	67.7	74.2	83.9	83.9	87.1	96.8	96.8	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0
GE 500	58.1	67.7	74.2	83.9	83.9	87.1	96.8	96.8	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0
GE 400	58.1	67.7	74.2	83.9	83.9	87.1	96.8	96.8	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0
GE 300	58.1	67.7	74.2	83.9	83.9	87.1	96.8	96.8	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0
GE 200	58.1	67.7	74.2	83.9	83.9	87.1	96.8	96.8	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0
GE 100	58.1	67.7	74.2	83.9	83.9	87.1	96.8	96.8	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0
GE 0	58.1	67.7	74.2	83.9	83.9	87.1	96.8	96.8	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 31

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 81,85
MONTH: JAN HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	22.6
GE 20000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	22.6
GE 18000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	22.6
GE 16000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	22.6
GE 14000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	22.6
GE 12000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	22.6
GE 10000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	22.6
GE 9000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	22.6
GE 8000	19.4	19.4	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	25.8
GE 7000	19.4	19.4	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	25.8
GE 6000	19.4	19.4	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	25.8
GE 5000	22.6	22.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	29.0
GE 4500	25.8	25.8	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	32.3
GE 4000	25.8	25.8	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	32.3
GE 3500	25.8	25.8	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	32.3
GE 3000	29.0	29.0	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	35.5
GE 2500	32.3	32.3	35.5	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	41.9
GE 2000	32.3	32.3	35.5	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	41.9
GE 1800	35.5	35.5	38.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	45.2
GE 1500	51.6	51.6	58.1	61.3	61.3	61.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	67.7
GE 1200	54.8	54.8	64.5	80.6	80.6	80.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	87.1
GE 1000	54.8	54.8	71.0	87.1	87.1	90.3	93.5	93.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	100.0
GE 900	54.8	54.8	71.0	87.1	87.1	90.3	93.5	93.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	100.0
GE 800	54.8	54.8	71.0	87.1	87.1	90.3	93.5	93.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	100.0
GE 700	54.8	54.8	71.0	87.1	87.1	90.3	93.5	93.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	100.0
GE 600	54.8	54.8	71.0	87.1	87.1	90.3	93.5	93.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	100.0
GE 500	54.8	54.8	71.0	87.1	87.1	90.3	93.5	93.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	100.0
GE 400	54.8	54.8	71.0	87.1	87.1	90.3	93.5	93.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	100.0
GE 300	54.8	54.8	71.0	87.1	87.1	90.3	93.5	93.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	100.0
GE 200	54.8	54.8	71.0	87.1	87.1	90.3	93.5	93.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	100.0
GE 100	54.8	54.8	71.0	87.1	87.1	90.3	93.5	93.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	100.0
GE 0	54.8	54.8	71.0	87.1	87.1	90.3	93.5	93.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 31

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	6.6	7.1	10.9	12.2	12.2	12.8	14.4	15.4	16.3	16.3	16.4	16.6	16.9	17.2	17.8	
GE 20000	7.1	7.9	12.2	13.5	13.5	14.4	16.3	17.3	18.2	18.2	18.5	18.6	18.9	19.2	19.8	
GE 18000	7.1	7.9	12.2	13.5	13.5	14.4	16.3	17.3	18.2	18.2	18.5	18.6	18.9	19.2	19.8	
GE 16000	7.1	7.9	12.2	13.5	13.5	14.4	16.3	17.3	18.2	18.2	18.5	18.6	18.9	19.2	19.8	
GE 14000	7.1	7.9	12.2	13.5	13.5	14.4	16.3	17.3	18.2	18.2	18.5	18.6	18.9	19.2	19.8	
GE 12000	7.3	8.0	12.4	13.7	13.7	14.6	16.4	17.5	18.3	18.3	18.6	18.8	19.1	19.5	20.1	
GE 10000	8.0	8.9	13.2	14.6	14.6	15.4	17.3	18.3	19.2	19.2	19.5	19.7	20.1	20.5	21.1	
GE 9000	8.6	9.5	14.0	15.3	15.3	16.2	18.0	19.1	19.9	19.9	20.2	20.4	20.8	21.3	21.8	
GE 8000	10.5	11.4	16.2	17.9	17.9	18.8	20.7	21.8	22.7	22.7	23.0	23.1	23.6	24.0	24.6	
GE 7000	11.8	12.8	18.0	19.9	20.2	21.1	23.0	24.2	25.0	25.0	25.3	25.5	25.9	26.5	27.1	
GE 6000	11.9	13.0	18.2	20.1	20.4	21.3	23.1	24.3	25.2	25.2	25.5	25.6	26.1	26.6	27.2	
GE 5000	13.1	14.1	19.4	21.4	21.7	22.6	24.5	25.6	26.5	26.5	26.8	26.9	27.4	27.9	28.5	
GE 4500	14.0	15.0	20.4	22.4	22.7	23.6	25.5	26.6	27.5	27.5	27.8	27.9	28.4	29.0	29.5	
GE 4000	16.0	17.2	23.0	25.2	25.5	26.5	28.4	29.5	30.4	30.4	30.7	30.9	31.3	31.9	32.5	
GE 3500	18.8	20.8	27.1	29.4	29.7	30.7	32.6	33.8	34.6	34.6	34.9	35.1	35.5	36.1	36.7	
GE 3000	22.0	24.7	32.2	34.5	34.9	36.1	38.1	39.3	40.5	40.5	40.9	41.0	41.5	42.1	42.6	
GE 2500	23.7	27.2	36.4	39.6	40.2	41.6	43.7	44.8	46.4	46.4	46.9	47.0	47.5	48.0	48.6	
GE 2000	27.5	31.3	43.4	48.0	49.2	51.1	53.3	54.4	56.5	56.8	57.5	57.6	58.2	58.8	59.4	
GE 1800	27.5	31.3	44.0	48.8	50.1	52.0	54.3	55.5	57.6	57.9	58.7	58.8	59.4	60.0	60.6	
GE 1500	30.4	35.2	51.4	57.5	58.8	61.0	63.5	64.8	67.4	67.8	68.6	68.7	69.3	69.9	70.5	
GE 1200	31.9	37.1	55.2	62.4	63.8	66.5	69.0	70.3	72.9	73.4	74.1	74.2	74.8	75.4	76.0	
GE 1000	32.5	38.9	59.8	67.2	68.6	72.1	74.7	76.0	79.2	79.8	80.6	80.9	81.5	82.1	82.7	
GE 900	32.8	39.6	61.9	69.4	70.7	74.2	76.9	78.2	81.4	82.0	82.8	83.1	83.7	84.3	84.9	
GE 800	32.9	39.7	62.6	71.0	72.3	76.0	78.9	80.2	83.6	84.1	85.0	85.3	85.9	86.5	87.0	
GE 700	32.9	39.7	63.9	72.5	73.8	78.3	81.2	82.5	85.9	86.5	87.3	87.8	88.5	89.1	89.7	
GE 600	32.9	39.7	64.6	73.2	74.5	79.0	82.2	83.6	87.2	87.8	88.8	89.2	90.0	90.5	91.1	
GE 500	32.9	39.7	64.9	74.4	75.8	80.6	84.1	85.4	89.1	89.7	90.7	91.1	92.0	92.6	93.2	
GE 400	32.9	39.7	65.2	74.8	76.3	81.1	85.6	86.3	90.1	90.8	91.8	92.3	93.3	93.9	94.8	
GE 300	32.9	39.7	65.5	75.1	76.6	81.4	85.7	87.2	91.0	91.7	93.0	93.4	94.5	95.5	96.4	
GE 200	32.9	39.7	65.5	75.1	76.6	81.7	86.0	87.5	91.6	92.3	93.9	94.3	95.3	96.5	98.1	
GE 100	32.9	39.7	65.5	75.1	76.6	81.7	86.0	87.5	91.6	92.3	93.9	94.3	95.5	96.8	99.9	
GE 0	32.9	39.7	65.5	75.1	76.6	81.7	86.2	87.6	91.7	92.4	94.0	94.5	95.6	96.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 687

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	6.8	6.8	9.9	11.1	11.4	12.5	14.4	14.8	15.8	15.9	15.9	16.2	16.7	16.8	17.1	
GE 20000	8.6	9.1	13.0	14.7	14.9	16.2	18.2	18.6	19.6	19.7	19.7	20.0	20.5	20.6	21.2	
GE 18000	9.2	9.5	13.4	15.0	15.3	16.6	18.6	19.0	20.0	20.1	20.1	20.4	20.9	21.0	21.6	
GE 16000	9.2	9.5	13.4	15.0	15.3	16.6	18.6	19.0	20.0	20.1	20.1	20.4	20.9	21.0	21.6	
GE 14000	9.4	9.7	13.8	15.4	15.7	16.9	19.0	19.3	20.4	20.5	20.5	20.7	21.2	21.4	22.0	
GE 12000	9.6	10.0	14.0	15.7	15.9	17.2	19.2	19.6	20.6	20.7	20.7	21.0	21.5	21.6	22.3	
GE 10000	9.7	10.1	14.5	16.7	16.9	18.3	20.4	20.7	21.7	21.9	21.9	22.1	22.9	23.0	23.6	
GE 9000	10.6	11.0	15.7	17.8	18.1	19.5	21.5	21.9	22.9	23.0	23.0	23.3	24.0	24.1	24.8	
GE 8000	11.9	12.4	18.0	20.2	20.5	21.9	24.3	24.7	25.7	25.8	25.8	26.4	27.2	27.3	27.9	
GE 7000	12.4	12.9	18.7	21.4	21.6	23.0	25.5	25.9	27.3	27.4	27.4	28.1	28.8	29.0	29.6	
GE 6000	12.8	13.3	19.1	21.7	22.0	23.4	25.9	26.3	27.8	27.9	27.9	28.6	29.6	29.7	30.3	
GE 5000	13.5	14.3	20.5	23.1	23.4	24.8	27.3	27.7	29.2	29.3	29.3	30.0	31.0	31.1	31.7	
GE 4500	14.5	15.3	21.6	24.3	24.5	25.9	28.4	28.8	30.3	30.5	30.5	31.1	32.1	32.2	32.9	
GE 4000	17.6	18.6	25.5	28.3	28.6	30.1	32.9	33.2	34.8	34.9	34.9	35.5	36.5	36.7	37.3	
GE 3500	20.6	21.9	29.3	32.1	32.4	33.9	36.7	37.0	38.8	38.9	38.9	39.6	40.6	40.7	41.3	
GE 3000	25.2	27.2	36.2	39.2	39.4	41.1	43.9	44.4	46.3	46.5	46.6	47.3	48.3	48.4	49.1	
GE 2500	26.8	29.1	39.3	43.1	43.4	45.0	48.2	48.8	50.7	50.9	51.1	51.7	52.7	52.8	53.5	
GE 2000	29.6	32.1	44.5	49.4	50.1	51.8	55.0	55.6	57.6	58.2	58.3	58.9	60.1	60.2	60.8	
GE 1800	30.2	32.7	45.1	50.2	50.8	52.7	56.0	56.6	58.7	59.2	59.3	59.9	61.1	61.2	61.8	
GE 1500	33.5	36.9	51.7	57.6	58.3	60.4	64.6	65.7	68.5	69.0	69.2	69.8	71.0	71.2	71.8	
GE 1200	34.8	39.2	55.6	62.1	62.7	65.0	70.2	71.4	74.7	75.3	75.5	76.1	77.4	77.5	78.1	
GE 1000	35.5	40.5	59.7	66.5	67.4	69.9	75.7	77.0	80.4	81.0	81.3	81.9	83.4	83.6	84.2	
GE 900	35.5	40.6	60.9	68.0	68.9	71.6	77.7	79.3	82.7	83.3	83.6	84.2	85.7	85.8	86.6	
GE 800	35.5	40.7	61.7	69.0	69.9	72.8	79.4	80.9	84.8	85.9	86.0	86.6	88.1	88.2	89.0	
GE 700	35.5	40.7	63.2	70.7	71.7	74.6	81.2	83.2	87.2	87.9	88.4	89.0	90.5	90.6	91.4	
GE 600	35.7	41.0	63.8	71.6	72.6	75.5	82.4	84.5	88.7	89.4	90.0	90.6	92.3	92.4	93.2	
GE 500	35.7	41.0	63.8	71.8	72.9	76.0	83.4	85.7	90.5	91.2	91.8	92.5	94.7	94.8	95.6	
GE 400	35.7	41.0	63.8	72.1	73.2	76.4	83.8	86.1	91.5	92.4	93.0	93.8	96.0	96.1	97.0	
GE 300	35.7	41.0	63.8	72.1	73.2	76.4	84.1	86.3	92.0	93.2	93.8	94.6	97.1	97.5	98.4	
GE 200	35.7	41.0	63.8	72.1	73.2	76.4	84.1	86.3	92.0	93.2	93.8	94.6	97.5	98.0	99.1	
GE 100	35.7	41.0	63.8	72.1	73.2	76.4	84.1	86.3	92.0	93.2	93.8	94.6	97.6	98.1	99.6	
GE 0	35.7	41.0	63.8	72.1	73.2	76.6	84.3	86.6	92.3	93.4	94.1	94.8	97.9	98.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 791

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	8.9	9.6	15.2	16.6	16.7	17.8	18.6	18.8	20.5	21.4	21.5	21.7	21.9	21.9	22.1	
GE 20000	10.9	11.6	18.7	20.2	20.3	21.4	22.2	22.6	24.4	25.3	25.4	25.7	26.0	26.0	26.1	
GE 18000	10.9	11.7	18.8	20.3	20.5	21.5	22.3	22.7	24.5	25.4	25.6	25.8	26.1	26.1	26.2	
GE 16000	11.2	12.0	19.1	20.6	20.7	21.8	22.6	23.0	24.8	25.7	25.8	26.1	26.4	26.4	26.5	
GE 14000	11.4	12.2	19.5	21.0	21.1	22.2	23.0	23.4	25.2	26.1	26.2	26.5	26.8	26.8	26.9	
GE 12000	11.6	12.4	19.7	21.1	21.3	22.3	23.1	23.6	25.3	26.2	26.4	26.6	26.9	26.9	27.1	
GE 10000	12.7	13.5	21.1	22.7	22.9	24.0	24.8	25.2	26.9	27.9	28.0	28.3	28.5	28.5	28.7	
GE 9000	13.2	14.1	22.5	24.1	24.2	25.3	26.1	26.5	28.4	29.3	29.5	29.7	30.0	30.0	30.1	
GE 8000	15.3	16.6	25.7	27.3	27.5	28.5	29.3	29.9	31.8	32.7	33.0	33.2	33.5	33.5	33.6	
GE 7000	16.3	17.6	27.6	29.2	29.5	30.7	31.5	32.2	34.1	35.0	35.3	35.5	35.8	35.8	35.9	
GE 6000	16.3	17.6	27.6	29.2	29.5	30.7	31.5	32.2	34.5	35.4	35.7	35.9	36.6	36.6	36.7	
GE 5000	16.6	17.9	28.9	30.6	30.8	32.0	32.8	33.5	35.8	36.7	37.0	37.3	38.0	38.0	38.1	
GE 4500	17.4	18.7	30.1	31.8	32.0	33.4	34.2	34.9	37.1	38.1	38.4	38.6	39.3	39.3	39.4	
GE 4000	20.3	21.9	34.7	36.3	36.6	38.1	38.9	39.6	41.9	42.8	43.1	43.3	44.0	44.0	44.1	
GE 3500	24.9	26.5	39.8	42.0	42.3	43.9	44.7	45.5	47.8	48.7	49.0	49.3	49.9	49.9	50.1	
GE 3000	31.9	34.2	48.2	50.6	51.1	52.9	53.7	54.6	57.1	58.0	58.3	58.5	59.2	59.2	59.4	
GE 2500	33.6	36.1	51.3	54.0	54.6	56.5	57.3	58.3	60.7	61.6	62.0	62.6	63.3	63.3	63.4	
GE 2000	35.1	37.7	55.5	58.4	59.1	61.0	62.0	63.0	65.5	66.5	66.9	67.4	68.1	68.1	68.2	
GE 1800	35.8	38.4	56.5	59.6	60.3	62.2	63.3	64.3	66.9	67.8	68.2	68.8	69.4	69.4	69.6	
GE 1500	37.8	41.5	61.6	65.4	66.4	68.4	70.7	71.7	74.6	75.5	75.9	76.4	77.1	77.3	77.4	
GE 1200	39.8	43.7	65.3	69.4	70.5	72.9	75.8	77.0	80.5	81.4	81.8	82.4	83.0	83.2	83.3	
GE 1000	40.6	45.6	69.7	74.0	75.2	78.1	81.2	82.4	86.0	87.2	87.6	88.3	89.0	89.1	89.2	
GE 900	40.6	45.6	70.0	74.7	76.2	79.4	83.0	84.3	87.9	89.1	89.5	90.2	90.8	91.0	91.1	
GE 800	40.6	45.6	70.5	75.6	77.1	80.6	84.3	85.5	89.4	90.6	91.0	91.7	92.7	92.9	93.0	
GE 700	40.6	45.9	71.9	77.1	78.6	82.4	86.0	87.2	91.1	92.3	92.7	93.4	94.5	94.6	94.8	
GE 600	40.6	46.0	72.1	77.8	79.4	83.3	87.2	89.0	93.4	94.6	95.0	96.0	97.2	97.3	97.4	
GE 500	40.6	46.0	72.1	77.9	79.5	83.4	87.5	89.4	94.2	95.4	95.8	96.8	98.3	98.4	98.5	
GE 400	40.6	46.0	72.1	77.9	79.5	83.4	87.6	89.5	94.8	96.1	96.8	97.7	99.2	99.3	99.5	
GE 300	40.6	46.0	72.1	77.9	79.5	83.4	87.6	89.5	94.9	96.2	96.9	97.8	99.3	99.5	99.6	
GE 200	40.6	46.0	72.1	77.9	79.5	83.4	87.6	89.5	94.9	96.2	96.9	97.8	99.5	99.6	99.7	
GE 100	40.6	46.0	72.1	77.9	79.5	83.4	87.6	89.5	94.9	96.2	96.9	97.8	99.5	99.6	99.7	
GE 0	40.6	46.0	72.1	77.9	79.5	83.7	87.9	89.8	95.2	96.5	97.2	98.1	99.7	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	9.1	10.2	14.3	15.4	15.7	17.3	17.6	17.9	19.2	20.3	20.3	20.8	20.8	20.8	20.8	
GE 20000	12.1	13.2	16.1	19.2	19.5	21.1	21.4	21.9	23.1	24.2	24.2	24.7	24.7	24.7	24.7	
GE 18000	12.4	13.5	18.4	19.5	19.8	21.4	21.7	22.2	23.4	24.5	24.5	25.0	25.0	25.0	25.0	
GE 16000	12.4	13.5	18.4	19.5	19.8	21.4	21.7	22.2	23.4	24.5	24.5	25.0	25.0	25.0	25.0	
GE 14000	12.9	14.0	18.9	20.0	20.3	21.9	22.2	22.6	23.9	25.0	25.0	25.5	25.5	25.5	25.5	
GE 12000	13.2	14.5	19.7	20.8	21.1	22.6	23.0	23.4	24.7	25.8	25.8	26.3	26.3	26.3	26.3	
GE 10000	14.9	16.2	22.2	23.4	23.7	25.3	25.6	26.1	27.4	28.5	28.5	28.9	28.9	28.9	28.9	
GE 9000	16.7	17.9	24.5	25.9	26.3	27.8	28.1	28.8	30.0	31.1	31.1	31.6	31.6	31.6	31.6	
GE 8000	18.9	20.3	27.5	29.1	29.4	31.0	31.3	31.9	33.2	34.3	34.3	34.9	35.1	35.1	35.1	
GE 7000	21.2	22.8	30.0	31.8	32.1	33.6	34.3	34.9	36.5	37.7	37.7	38.4	38.5	38.5	38.5	
GE 6000	21.4	23.0	30.2	31.9	32.2	33.8	34.4	35.1	36.6	37.9	37.9	38.5	38.8	38.8	38.8	
GE 5000	22.2	23.9	31.6	33.3	33.6	35.2	35.8	36.5	38.1	39.3	39.3	39.9	40.3	40.3	40.3	
GE 4500	24.4	26.3	34.0	35.7	36.0	37.6	38.2	38.8	40.4	41.7	41.7	42.3	42.6	42.6	42.6	
GE 4000	26.4	28.3	36.3	38.1	38.4	39.9	40.6	41.4	42.9	44.2	44.2	44.8	45.1	45.1	45.1	
GE 3500	28.6	30.5	39.5	41.8	42.1	43.9	44.5	45.3	46.9	48.1	48.1	48.7	49.1	49.1	49.1	
GE 3000	33.3	35.5	46.2	48.7	49.2	51.1	52.0	52.8	54.6	55.8	56.0	56.8	57.1	57.1	57.1	
GE 2500	35.4	37.9	49.8	52.7	53.1	55.2	56.1	56.9	58.6	59.9	60.4	61.2	61.5	61.5	61.5	
GE 2000	39.2	42.1	57.4	60.5	61.5	63.7	64.9	66.0	67.8	69.0	69.5	70.4	70.8	70.8	70.8	
GE 1800	39.6	42.6	58.0	61.3	62.4	64.6	65.9	67.0	68.7	70.0	70.4	71.4	71.7	71.7	71.7	
GE 1500	42.1	46.4	64.5	68.1	69.2	71.9	73.7	75.2	76.9	78.1	78.6	79.7	80.0	80.0	80.0	
GE 1200	44.3	49.1	68.4	72.5	73.7	76.9	78.8	80.5	82.4	83.8	84.3	85.4	85.7	85.7	85.7	
GE 1000	45.1	50.6	71.1	75.2	76.7	80.2	82.1	84.0	86.0	87.4	87.9	89.0	89.3	89.3	89.3	
GE 900	45.3	51.3	72.5	76.9	78.8	82.2	84.1	86.0	88.1	89.5	89.9	91.0	91.5	91.5	91.5	
GE 800	45.3	51.3	73.0	77.7	79.7	83.5	85.4	87.3	89.5	90.9	91.4	92.5	92.9	92.9	92.9	
GE 700	45.3	51.3	73.9	79.1	81.1	85.4	87.6	89.5	91.7	93.1	93.6	94.7	95.1	95.1	95.1	
GE 600	45.3	51.4	74.2	79.6	81.8	86.3	88.5	90.7	93.2	94.7	95.1	96.5	97.0	97.5	97.5	
GE 500	45.3	51.4	74.2	79.7	82.2	86.8	89.3	91.7	94.2	95.6	96.2	97.6	98.1	98.6	98.6	
GE 400	45.3	51.4	74.2	79.7	82.2	86.8	89.3	91.7	94.7	96.2	97.3	98.7	99.2	99.7	99.7	
GE 300	45.3	51.4	74.2	79.7	82.2	86.8	89.3	91.7	95.0	96.5	97.6	99.1	99.5	100.0	100.0	
GE 200	45.3	51.4	74.2	79.7	82.2	86.8	89.3	91.7	95.0	96.5	97.6	99.1	99.5	100.0	100.0	
GE 100	45.3	51.4	74.2	79.7	82.2	86.8	89.3	91.7	95.0	96.5	97.6	99.1	99.5	100.0	100.0	
GE 0	45.3	51.4	74.2	79.7	82.2	86.8	89.3	91.7	95.0	96.5	97.6	99.1	99.5	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 536

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80-86
MONTH: JAN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.0	14.4	18.6	20.0	20.0	20.4	21.1	21.4	24.9	25.3	25.6	27.4	28.1	28.1	28.1	
GE 20000	15.4	15.8	20.0	21.4	21.4	21.8	22.8	23.2	27.0	27.7	28.1	29.8	30.5	30.5	30.5	
GE 18000	15.4	15.8	20.0	21.4	21.4	21.8	22.8	23.2	27.0	27.7	28.1	29.8	30.5	30.5	30.5	
GE 16000	15.4	15.8	20.0	21.4	21.4	21.8	22.8	23.2	27.0	27.7	28.1	29.8	30.5	30.5	30.5	
GE 14000	15.8	16.1	20.4	21.8	21.8	22.1	23.2	23.5	27.4	28.1	28.4	30.2	30.9	30.9	30.9	
GE 12000	15.8	16.1	20.4	21.8	21.8	22.1	23.2	23.5	27.4	28.1	28.4	30.2	30.9	30.9	30.9	
GE 10000	17.2	18.6	22.8	24.2	24.2	24.6	25.6	26.0	29.8	30.5	30.9	32.6	33.3	33.3	33.3	
GE 9000	18.6	20.4	24.6	26.7	26.7	27.0	28.4	28.8	32.6	33.3	33.7	35.4	36.1	36.1	36.1	
GE 8000	19.6	21.4	25.6	28.8	28.8	29.1	30.5	30.9	34.7	35.8	36.5	38.2	40.0	40.0	40.0	
GE 7000	23.5	25.3	29.8	34.4	34.4	34.7	36.5	36.8	40.7	41.8	42.5	44.2	46.0	46.0	46.0	
GE 6000	23.5	25.3	29.8	34.4	34.4	34.7	36.5	36.8	40.7	41.8	42.5	44.2	46.0	46.0	46.0	
GE 5000	23.9	25.6	30.2	34.7	34.7	35.1	36.8	37.2	41.1	42.1	42.8	44.6	46.3	46.3	46.3	
GE 4500	26.0	27.7	32.3	36.8	36.8	37.2	38.9	39.3	43.2	44.2	44.9	46.7	48.4	48.4	48.4	
GE 4000	30.9	32.6	37.2	41.8	41.8	42.1	43.9	44.2	48.1	49.1	49.8	51.6	53.3	53.3	53.3	
GE 3500	35.1	36.8	42.1	47.0	47.0	47.4	49.1	49.5	53.3	54.4	55.1	56.8	58.6	58.6	58.6	
GE 3000	38.6	40.4	47.4	52.3	52.6	53.3	55.1	55.4	59.3	60.4	61.1	63.9	65.6	65.6	65.6	
GE 2500	42.5	44.3	53.3	58.2	58.6	59.3	61.1	61.4	65.3	66.3	67.0	69.8	71.6	71.6	71.6	
GE 2000	46.3	49.1	59.3	64.6	65.3	66.0	67.7	68.1	71.9	73.0	73.7	76.5	78.2	78.2	78.2	
GE 1800	48.1	50.9	61.4	66.7	67.4	68.1	70.5	70.9	74.7	75.8	76.5	79.3	81.1	81.1	81.1	
GE 1500	49.5	53.0	65.3	70.5	71.2	71.9	74.7	75.1	78.9	80.0	80.7	83.5	85.3	85.3	85.3	
GE 1200	49.8	54.4	66.7	72.3	73.0	73.7	77.2	77.5	81.4	82.5	83.2	86.0	87.7	87.7	87.7	
GE 1000	49.8	55.4	67.7	73.3	74.0	74.7	78.2	78.6	82.5	83.5	84.2	87.0	88.8	88.8	88.8	
GE 900	50.2	55.8	69.8	75.4	76.1	76.8	80.4	80.7	84.6	85.6	86.3	89.1	90.9	90.9	90.9	
GE 800	50.2	56.1	70.5	76.1	76.8	78.2	82.5	82.8	86.7	87.7	88.4	91.2	93.0	93.0	93.0	
GE 700	50.2	56.1	71.6	77.2	77.9	79.3	84.6	84.9	89.1	90.5	91.2	94.0	95.8	95.8	95.8	
GE 600	50.2	56.5	71.9	77.5	78.2	79.6	84.9	85.3	89.8	91.2	91.9	94.7	96.5	96.5	96.5	
GE 500	50.2	56.5	72.6	78.6	79.3	80.7	86.0	86.3	90.9	92.3	93.0	95.8	97.5	97.5	97.5	
GE 400	50.2	56.5	72.6	78.6	79.3	81.1	87.0	87.4	91.9	93.7	94.4	97.2	98.9	98.9	98.9	
GE 300	50.2	56.5	72.6	78.6	79.3	81.1	87.0	87.4	91.9	93.7	95.1	97.9	99.6	99.6	99.6	
GE 200	50.2	56.5	72.6	78.6	79.3	81.1	87.0	87.4	91.9	93.7	95.1	97.9	100.0	100.0	100.0	
GE 100	50.2	56.5	72.6	78.6	79.3	81.1	87.0	87.4	91.9	93.7	95.1	97.9	100.0	100.0	100.0	
GE 0	50.2	56.5	72.6	78.6	79.3	81.1	87.0	87.4	91.9	93.7	95.1	97.9	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 285

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 81-86
MONTH: JAN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	16.3	16.3	18.4	19.0	19.0	19.7	19.7	19.7	22.4	22.4	22.4	23.8	26.5	26.5	26.5	
GE 20000	17.7	17.7	19.7	20.4	20.4	21.1	21.1	21.1	24.5	24.5	24.5	25.9	28.6	28.6	28.6	
GE 18000	17.7	17.7	19.7	20.4	20.4	21.1	21.1	21.1	24.5	24.5	24.5	25.9	28.6	28.6	28.6	
GE 16000	17.7	17.7	19.7	20.4	20.4	21.1	21.1	21.1	24.5	24.5	24.5	25.9	28.6	28.6	28.6	
GE 14000	17.7	17.7	19.7	20.4	20.4	21.1	21.1	21.1	24.5	24.5	24.5	25.9	28.6	28.6	28.6	
GE 12000	18.4	18.4	20.4	21.1	21.1	21.8	21.8	21.8	25.2	25.2	25.2	26.5	29.3	29.3	29.3	
GE 10000	18.4	18.4	20.4	21.1	21.1	21.8	21.8	21.8	25.2	25.2	25.2	26.5	29.3	29.3	29.3	
GE 9000	18.4	18.4	20.4	21.1	21.1	21.8	22.4	22.4	25.9	25.9	25.9	27.2	29.9	29.9	29.9	
GE 8000	19.7	19.7	21.8	22.4	22.4	23.1	23.8	23.8	27.9	27.9	29.3	30.6	33.3	33.3	33.3	
GE 7000	20.4	20.4	23.8	25.9	25.9	26.5	27.2	27.2	31.3	31.3	32.7	34.0	36.7	36.7	36.7	
GE 6000	20.4	20.4	23.8	25.9	25.9	26.5	27.2	27.2	31.3	31.3	32.7	34.0	36.7	36.7	36.7	
GE 5000	20.4	20.4	23.8	25.9	25.9	26.5	27.2	27.2	31.3	31.3	32.7	34.0	36.7	36.7	36.7	
GE 4500	21.1	21.1	24.5	26.5	26.5	27.2	27.9	27.9	32.0	32.0	33.3	34.7	37.4	37.4	37.4	
GE 4000	26.5	27.2	30.6	32.7	32.7	33.3	34.7	34.7	38.8	38.8	40.1	41.5	44.2	44.2	44.2	
GE 3500	30.6	31.3	35.4	37.4	37.4	38.1	40.1	40.1	44.2	44.2	45.6	46.9	49.7	49.7	49.7	
GE 3000	36.1	37.4	44.2	46.9	46.9	47.6	49.7	49.7	54.4	54.4	55.8	57.1	59.9	59.9	59.9	
GE 2500	36.7	38.8	49.0	51.7	51.7	52.4	54.4	54.4	59.2	59.2	60.5	61.9	64.6	64.6	64.6	
GE 2000	40.8	43.5	55.8	60.5	60.5	61.2	63.3	63.3	68.0	68.0	69.4	70.7	73.5	73.5	73.5	
GE 1800	42.9	45.6	57.8	62.6	62.6	63.3	65.3	65.3	70.1	70.1	71.4	72.8	75.5	75.5	75.5	
GE 1500	44.2	50.3	63.9	68.7	68.7	69.4	71.4	71.4	76.2	76.2	77.6	78.9	81.6	81.6	81.6	
GE 1200	44.9	51.7	66.0	70.7	70.7	71.4	73.5	73.5	78.2	78.2	80.3	82.3	85.0	85.0	85.0	
GE 1000	45.6	52.4	66.7	71.4	71.4	72.1	74.1	74.1	78.9	78.9	81.6	83.7	86.4	86.4	86.4	
GE 900	45.6	52.4	68.7	73.5	73.5	74.1	76.2	76.2	81.0	81.0	83.7	85.7	88.4	88.4	88.4	
GE 800	45.6	52.4	68.7	74.1	74.1	74.8	77.6	77.6	82.3	82.3	85.0	87.1	89.8	89.8	89.8	
GE 700	45.6	52.4	70.1	75.5	75.5	76.2	79.6	79.6	84.4	84.4	87.1	89.1	91.8	91.8	91.8	
GE 600	45.6	52.4	70.1	75.5	75.5	76.2	79.6	79.6	84.4	84.4	87.1	89.8	92.5	92.5	92.5	
GE 500	45.6	52.4	71.4	76.9	76.9	77.6	81.0	81.0	85.7	85.7	88.4	91.2	93.9	93.9	93.9	
GE 400	45.6	52.4	71.4	76.9	76.9	77.6	82.3	82.3	87.1	87.1	89.8	92.5	95.9	95.9	95.9	
GE 300	45.6	52.4	71.4	76.9	76.9	77.6	82.3	82.3	87.1	87.1	91.2	93.9	97.3	97.3	97.3	
GE 200	45.6	52.4	71.4	76.9	76.9	77.6	82.3	82.3	87.1	87.1	91.2	93.9	98.0	98.6	98.6	
GE 100	45.6	52.4	71.4	76.9	76.9	77.6	82.3	82.3	87.1	87.1	91.2	93.9	98.0	98.6	100.0	
GE 0	45.6	52.4	71.4	76.9	76.9	77.6	82.3	82.3	87.1	87.1	91.2	93.9	98.0	98.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 147

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: JAN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	8.9	9.4	13.4	14.6	14.8	15.8	16.8	17.3	18.7	19.2	19.3	19.7	20.1	20.2	20.4	
GE 20000	10.7	11.3	16.1	17.4	17.6	18.7	19.8	20.4	21.9	22.4	22.5	22.9	23.4	23.5	23.8	
GE 18000	10.9	11.5	16.3	17.6	17.8	18.8	20.0	20.5	22.1	22.6	22.7	23.1	23.5	23.6	24.0	
GE 16000	10.9	11.5	16.3	17.7	17.8	18.9	20.1	20.6	22.1	22.6	22.7	23.2	23.6	23.7	24.0	
GE 14000	11.1	11.8	16.6	18.0	18.1	19.2	20.4	20.9	22.4	22.9	23.0	23.5	23.9	24.0	24.3	
GE 12000	11.3	12.0	16.9	18.3	18.4	19.5	20.7	21.2	22.7	23.2	23.3	23.8	24.2	24.3	24.6	
GE 10000	12.2	13.0	18.2	19.8	19.9	21.0	22.2	22.7	24.2	24.7	24.9	25.3	25.8	25.9	26.3	
GE 9000	13.1	14.0	19.5	21.2	21.3	22.4	23.7	24.2	25.8	26.3	26.4	26.8	27.3	27.5	27.8	
GE 8000	14.8	15.8	22.0	23.8	24.0	25.1	26.4	27.0	28.6	29.2	29.4	30.0	30.6	30.7	31.0	
GE 7000	16.2	17.3	23.9	26.1	26.3	27.5	28.9	29.5	31.3	31.8	32.1	32.6	33.3	33.4	33.8	
GE 6000	16.4	17.5	24.1	26.2	26.5	27.6	29.1	29.7	31.5	32.1	32.3	32.9	33.7	33.9	34.2	
GE 5000	17.1	18.3	25.3	27.5	27.7	28.9	30.3	30.9	32.8	33.4	33.6	34.2	35.0	35.1	35.5	
GE 4500	18.4	19.5	26.7	28.9	29.2	30.3	31.8	32.4	34.3	34.8	35.1	35.6	36.4	36.6	36.9	
GE 4000	21.2	22.6	30.3	32.6	32.9	34.1	35.7	36.3	38.2	38.7	39.0	39.5	40.3	40.5	40.8	
GE 3500	24.5	26.2	34.5	37.1	37.3	38.6	40.2	40.9	42.8	43.4	43.6	44.2	45.0	45.2	45.5	
GE 3000	29.4	31.6	41.3	44.0	44.4	45.9	47.5	48.3	50.4	51.0	51.3	52.0	52.8	52.9	53.3	
GE 2500	31.3	33.8	45.0	48.3	48.7	50.3	52.1	52.8	55.0	55.6	56.0	56.8	57.6	57.7	58.1	
GE 2000	34.3	37.2	50.9	55.0	55.7	57.5	59.4	60.2	62.5	63.3	63.7	64.5	65.4	65.5	65.9	
GE 1800	34.9	37.9	51.8	56.0	56.9	58.6	60.7	61.5	63.9	64.6	65.1	65.9	66.7	66.9	67.2	
GE 1500	37.6	41.7	58.1	63.1	64.0	66.0	68.7	69.8	72.5	73.2	73.7	74.5	75.4	75.6	75.9	
GE 1200	39.2	43.8	61.7	67.5	68.2	70.6	73.8	75.0	78.0	78.8	79.3	80.2	81.1	81.2	81.6	
GE 1000	39.9	45.4	65.3	71.1	72.2	75.0	78.4	79.6	82.9	83.8	84.4	85.3	86.2	86.4	86.8	
GE 900	40.0	45.7	66.6	72.7	73.9	76.8	80.4	81.7	84.9	85.8	86.4	87.3	88.3	88.5	88.9	
GE 800	40.0	45.8	67.2	73.7	74.9	78.1	82.0	83.3	86.7	87.6	88.3	89.2	90.3	90.5	90.8	
GE 700	40.0	45.9	68.5	75.1	76.4	79.9	83.9	85.3	88.9	89.8	90.5	91.4	92.5	92.7	93.0	
GE 600	40.1	46.0	68.9	75.7	77.1	80.6	84.9	86.5	90.4	91.3	92.0	93.1	94.3	94.5	94.9	
GE 500	40.1	46.0	69.1	76.2	77.7	81.3	85.9	87.6	91.7	92.6	93.3	94.5	95.9	96.1	96.5	
GE 400	40.1	46.0	69.2	76.4	77.9	81.6	86.4	88.1	92.5	93.6	94.5	95.6	97.0	97.3	97.8	
GE 300	40.1	46.0	69.2	76.5	77.9	81.6	86.6	88.3	92.9	94.0	95.1	96.2	97.8	98.2	98.6	
GE 200	40.1	46.0	69.2	76.5	77.9	81.7	86.6	88.4	93.0	94.2	95.3	96.4	98.1	98.6	99.3	
GE 100	40.1	46.0	69.2	76.5	77.9	81.7	86.6	88.4	93.0	94.2	95.3	96.4	98.2	98.7	99.8	
GE 0	40.1	46.0	69.2	76.5	77.9	81.8	86.8	88.5	93.1	94.3	95.4	96.6	98.3	98.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 3351

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80,85
MONTH: FEB HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES													
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20000					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 18000					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 16000					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 14000					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 12000					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0					50.0	50.0	50.0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105945 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 86
MONTH: FEB HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000																
GE 4500																
GE 4000																
GE 3500																
GE 3000																
GE 2500																
GE 2000																
GE 1800																
GE 1500																
GE 1200									100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000									100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900									100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800									100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700									100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600									100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500									100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400									100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300									100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200									100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100									100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0									100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	10.5	12.1	16.7	17.8	18.2	20.3	21.7	23.7	26.4	26.6	27.2	27.7	28.5	29.6	30.2	
GE 20000	11.6	13.2	18.1	19.3	19.8	22.0	23.6	25.8	29.1	29.4	30.2	30.7	31.4	32.5	33.6	
GE 18000	11.8	13.4	18.4	19.7	20.1	22.3	23.9	26.1	29.4	29.7	30.5	31.0	31.8	33.0	34.1	
GE 16000	11.8	13.4	18.4	19.7	20.1	22.3	23.9	26.1	29.4	29.7	30.5	31.0	31.8	33.0	34.1	
GE 14000	11.8	13.4	18.6	19.8	20.3	22.5	24.1	26.3	29.6	29.9	30.7	31.1	31.9	33.2	34.3	
GE 12000	11.8	13.4	18.7	20.0	20.4	22.6	24.2	26.4	29.7	30.0	30.8	31.3	32.1	33.3	34.4	
GE 10000	12.4	14.0	19.3	20.6	21.1	23.3	24.8	27.0	30.3	30.7	31.4	31.9	32.7	34.0	35.1	
GE 9000	12.6	14.2	19.8	21.1	21.5	23.7	25.3	27.5	30.8	31.1	31.9	32.4	33.2	34.4	35.5	
GE 8000	13.1	14.6	20.3	22.0	22.5	24.8	26.9	29.2	32.5	32.9	33.6	34.1	34.9	36.3	37.4	
GE 7000	13.2	14.9	20.9	22.6	23.3	25.6	28.0	30.3	33.6	34.0	34.7	35.4	36.2	37.6	38.7	
GE 6000	13.2	14.9	20.9	22.6	23.3	25.6	28.0	30.3	33.6	34.0	34.7	35.4	36.2	37.6	38.7	
GE 5000	14.5	16.2	23.0	24.8	25.5	27.8	30.2	32.5	35.8	36.2	36.9	37.6	38.4	39.8	40.9	
GE 4500	15.7	17.5	24.5	27.2	27.8	30.3	32.7	35.1	38.5	38.8	39.6	40.3	41.0	42.5	43.6	
GE 4000	16.8	18.7	26.1	28.8	29.4	32.1	34.6	36.9	40.4	40.7	41.5	42.1	42.9	44.5	45.6	
GE 3500	18.6	20.4	28.5	31.3	32.1	34.9	37.4	40.1	43.6	43.9	44.7	45.3	46.1	47.6	48.7	
GE 3000	20.0	21.9	31.6	35.2	36.0	39.2	42.0	44.8	48.3	48.6	49.7	50.3	51.1	52.7	53.8	
GE 2500	20.6	22.5	33.3	37.4	38.5	41.8	45.1	48.0	51.7	52.0	53.1	53.8	54.6	56.1	57.2	
GE 2000	22.8	25.3	37.3	42.3	43.9	47.2	50.9	53.8	58.2	58.5	60.2	60.8	61.9	63.5	64.6	
GE 1800	23.1	25.6	38.4	43.6	45.3	48.6	52.5	55.3	59.9	60.2	61.9	62.6	63.7	65.3	66.4	
GE 1500	25.3	28.0	44.3	50.0	52.0	55.7	60.2	63.2	68.2	68.6	70.3	70.9	72.0	73.6	74.7	
GE 1200	26.1	29.2	47.6	54.6	56.8	60.5	65.6	68.6	74.2	74.5	76.3	76.9	78.0	79.6	80.7	
GE 1000	26.4	29.7	49.1	56.8	59.3	63.5	69.0	72.3	78.0	78.3	80.0	81.3	82.4	84.0	85.1	
GE 900	26.6	30.0	50.3	58.2	60.7	65.1	70.8	74.1	79.9	80.2	81.9	83.2	84.3	85.8	86.9	
GE 800	26.6	30.0	50.8	59.0	61.5	66.0	71.7	75.3	81.3	81.6	83.3	84.7	85.8	87.4	88.5	
GE 700	26.6	30.2	51.1	59.6	62.1	66.8	72.6	76.3	82.5	82.9	84.7	86.2	87.4	89.0	90.1	
GE 600	26.7	30.3	51.7	60.2	62.9	67.8	73.7	77.5	84.4	84.7	86.6	88.1	89.6	91.2	92.3	
GE 500	26.7	30.3	51.7	60.2	62.9	67.8	73.9	77.7	85.7	86.0	87.9	89.3	91.2	92.8	93.9	
GE 400	26.7	30.3	51.7	60.2	62.9	67.8	74.1	77.8	86.0	86.3	88.2	89.9	91.8	93.7	95.3	
GE 300	26.7	30.3	51.7	60.2	62.9	67.8	74.1	77.8	86.0	86.3	88.2	90.1	92.0	94.2	96.1	
GE 200	26.7	30.3	51.7	60.2	62.9	67.8	74.2	78.0	86.2	86.5	88.4	90.4	92.5	95.4	97.3	
GE 100	26.7	30.3	51.7	60.2	62.9	67.8	74.2	78.0	86.2	86.5	88.4	90.6	93.1	96.2	98.9	
GE 0	26.7	30.3	51.7	60.2	62.9	67.8	74.2	78.0	86.2	86.6	88.5	90.9	93.4	96.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 636

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	7.4	8.6	13.2	15.3	15.6	17.2	18.8	19.8	23.4	24.0	24.1	24.2	24.6	25.4	26.6	
GE 20000	9.2	10.5	15.9	18.2	18.4	20.2	22.1	23.3	27.9	28.5	28.8	28.9	29.3	30.3	31.6	
GE 18000	9.3	10.9	16.6	18.8	19.1	20.9	22.7	24.0	28.5	29.2	29.5	29.6	30.0	31.0	32.4	
GE 16000	9.3	10.9	16.8	19.1	19.4	21.1	23.0	24.2	28.8	29.5	29.7	29.9	30.3	31.2	32.7	
GE 14000	9.3	10.9	16.8	19.1	19.4	21.3	23.1	24.4	28.9	29.6	29.9	30.0	30.4	31.4	32.8	
GE 12000	9.6	11.2	17.1	19.4	19.7	21.5	23.4	24.6	29.3	30.0	30.3	30.4	30.8	31.8	33.2	
GE 10000	10.6	12.4	18.6	20.9	21.1	23.1	25.0	26.4	31.1	31.8	32.2	32.3	32.7	33.6	35.3	
GE 9000	10.8	12.5	18.8	21.1	21.4	23.4	25.4	26.8	31.5	32.2	32.6	32.7	33.1	34.1	35.7	
GE 8000	12.2	14.0	20.9	23.7	24.0	26.1	28.3	29.7	34.9	35.5	35.9	36.2	36.6	37.6	39.2	
GE 7000	13.2	15.7	23.3	26.4	26.6	28.8	31.0	32.4	37.6	38.2	38.6	38.9	39.3	40.4	42.0	
GE 6000	13.3	15.9	23.4	26.5	26.8	28.9	31.1	32.6	37.7	38.4	38.8	39.0	39.4	40.5	42.1	
GE 5000	14.3	17.0	24.8	28.1	28.4	30.6	32.7	34.2	39.3	40.0	40.4	40.6	41.0	42.1	43.7	
GE 4500	15.2	17.9	25.7	29.5	29.7	32.2	34.5	35.9	41.0	41.7	42.1	42.4	42.8	43.9	45.5	
GE 4000	17.1	19.8	28.0	31.9	32.3	34.9	37.4	38.9	44.4	45.1	45.5	45.8	46.3	47.4	49.0	
GE 3500	18.2	20.9	29.6	33.6	34.2	36.9	39.6	41.0	46.6	47.2	47.8	48.0	48.6	49.7	51.3	
GE 3000	19.7	22.3	33.0	37.4	38.0	40.8	44.0	45.6	51.3	52.0	52.5	52.9	53.4	54.5	56.4	
GE 2500	21.8	24.5	36.3	41.2	41.9	44.8	48.3	49.9	56.0	56.7	57.2	57.9	58.4	59.5	61.4	
GE 2000	25.0	28.1	40.6	46.3	47.2	50.7	54.8	56.4	64.1	64.9	65.4	66.1	66.8	67.8	69.7	
GE 1800	25.0	28.1	41.3	47.2	48.5	52.1	56.3	57.9	65.5	66.4	66.9	67.6	68.2	69.3	71.2	
GE 1500	26.6	29.9	45.2	52.0	53.4	57.5	62.7	64.7	73.4	74.2	74.7	75.4	76.3	77.4	79.3	
GE 1200	26.9	30.3	47.1	55.0	56.8	61.0	66.5	68.8	78.1	78.9	79.7	80.3	81.4	82.5	84.4	
GE 1000	27.3	31.0	49.3	58.0	60.0	64.3	70.4	72.8	82.4	83.2	84.3	85.1	86.1	87.2	89.1	
GE 900	27.3	31.0	49.4	58.1	60.2	64.5	71.1	73.5	83.7	84.5	85.6	86.4	87.5	88.6	90.4	
GE 800	27.3	31.1	49.7	58.5	60.7	65.0	71.7	74.4	84.9	85.9	86.9	87.8	88.8	89.9	91.8	
GE 700	27.3	31.4	49.9	59.0	61.1	65.4	72.7	75.5	86.5	87.5	89.0	89.8	90.8	91.9	93.9	
GE 600	27.3	31.4	50.2	59.5	61.6	66.1	73.4	76.2	87.6	88.6	90.0	90.8	91.9	93.1	95.3	
GE 500	27.3	31.4	50.3	59.6	61.6	66.2	73.5	76.3	88.4	89.4	91.0	91.9	93.1	94.3	96.6	
GE 400	27.3	31.4	50.5	59.8	61.9	66.4	73.6	76.4	88.6	89.5	91.1	92.1	93.4	94.6	97.2	
GE 300	27.3	31.4	50.5	59.8	61.9	66.4	73.6	76.4	88.6	89.5	91.1	92.1	93.5	94.8	97.8	
GE 200	27.3	31.4	50.5	59.8	61.9	66.4	73.6	76.4	88.6	89.5	91.1	92.1	93.5	95.2	98.3	
GE 100	27.3	31.4	50.5	59.8	61.9	66.4	73.6	76.4	88.7	89.6	91.3	92.2	93.7	95.7	99.2	
GE 0	27.3	31.4	50.5	59.8	61.9	66.4	73.6	76.4	88.7	89.6	91.3	92.2	93.9	96.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 743

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	12.5	12.9	21.6	25.5	26.0	26.7	28.6	29.6	31.1	31.1	31.1	31.2	31.4	31.8	31.8	
GE 20000	14.4	15.2	25.8	29.8	30.2	31.1	33.0	34.2	35.8	35.8	35.9	36.1	36.2	36.7	36.7	
GE 18000	15.1	16.0	26.8	30.8	31.2	32.4	34.3	35.5	37.1	37.1	37.2	37.4	37.5	38.0	38.1	
GE 16000	15.1	16.0	27.1	31.1	31.5	32.7	34.6	35.8	37.4	37.4	37.5	37.7	37.8	38.3	38.4	
GE 14000	15.5	16.4	27.6	31.5	32.1	33.4	35.3	36.5	38.1	38.1	38.3	38.4	38.6	39.0	39.1	
GE 12000	15.5	16.4	27.7	31.7	32.3	33.6	35.5	36.7	38.3	38.3	38.4	38.6	38.7	39.1	39.3	
GE 10000	16.9	17.7	29.0	33.1	33.7	35.0	37.1	38.3	39.9	39.9	40.0	40.2	40.3	40.8	40.9	
GE 9000	17.2	18.2	29.5	33.6	34.2	35.5	37.5	38.7	40.3	40.3	40.5	40.6	40.8	41.2	41.3	
GE 8000	18.6	19.9	31.8	36.2	36.8	38.1	40.2	41.6	43.7	43.7	43.8	44.0	44.1	44.6	44.7	
GE 7000	21.3	22.7	34.6	39.1	39.7	41.3	43.4	44.9	46.9	46.9	47.1	47.2	47.4	47.8	47.9	
GE 6000	21.3	22.7	34.6	39.1	39.7	41.3	43.4	44.9	46.9	46.9	47.1	47.2	47.4	47.8	47.9	
GE 5000	22.1	23.6	35.9	40.6	41.3	43.3	45.5	46.9	49.0	49.0	49.1	49.3	49.4	49.9	50.0	
GE 4500	22.9	24.3	36.8	41.5	42.2	44.3	46.6	48.1	50.1	50.1	50.3	50.4	50.6	51.0	51.2	
GE 4000	25.2	26.7	39.7	44.6	45.5	47.9	50.3	51.9	54.0	54.0	54.1	54.3	54.4	54.8	55.0	
GE 3500	28.0	29.6	44.1	49.0	49.9	52.3	55.1	56.7	58.8	58.8	58.9	59.1	59.2	59.7	59.8	
GE 3000	31.2	33.7	50.1	55.1	56.0	59.1	61.9	63.9	66.3	66.3	66.4	66.6	66.7	67.2	67.3	
GE 2500	33.4	36.4	53.5	58.9	59.8	63.2	66.3	68.3	70.7	70.7	70.8	71.0	71.1	71.6	71.7	
GE 2000	36.1	39.9	58.4	63.9	64.8	68.2	71.8	74.5	77.4	77.7	77.9	78.0	78.3	78.7	78.9	
GE 1800	36.7	40.6	59.7	65.4	66.3	69.6	73.8	76.4	79.5	79.8	80.1	80.2	80.5	80.9	81.1	
GE 1500	39.0	43.0	62.9	70.1	71.3	75.4	80.2	82.8	85.9	86.2	86.5	87.0	87.4	87.8	88.0	
GE 1200	39.7	43.8	64.4	72.3	73.8	78.2	83.1	85.8	89.0	89.3	89.6	90.0	90.8	91.2	91.3	
GE 1000	39.7	43.8	65.7	73.9	75.4	80.1	85.2	88.0	91.2	91.6	92.2	92.7	93.4	93.8	94.0	
GE 900	39.7	43.8	66.0	74.5	76.0	80.6	86.1	88.9	92.4	92.8	93.4	93.8	94.6	95.0	95.2	
GE 800	39.7	44.1	66.4	74.9	76.4	81.2	87.2	90.0	93.7	94.1	94.7	95.2	95.9	96.3	96.5	
GE 700	39.7	44.1	66.7	75.2	76.8	81.8	88.4	91.3	95.2	95.6	96.2	96.6	97.4	97.8	98.2	
GE 600	39.7	44.3	67.3	75.8	77.4	82.4	89.0	91.9	96.2	96.6	97.2	97.7	98.4	98.8	99.3	
GE 500	39.7	44.3	67.3	76.0	77.6	82.6	89.1	92.1	96.6	97.2	97.8	98.2	99.0	99.4	99.9	
GE 400	39.7	44.3	67.3	76.0	77.6	82.6	89.3	92.2	96.8	97.4	97.9	98.4	99.1	99.6	100.0	
GE 300	39.7	44.3	67.3	76.0	77.6	82.6	89.3	92.2	96.8	97.4	97.9	98.4	99.1	99.6	100.0	
GE 200	39.7	44.3	67.3	76.0	77.6	82.6	89.3	92.2	96.8	97.4	97.9	98.4	99.1	99.6	100.0	
GE 100	39.7	44.3	67.3	76.0	77.6	82.6	89.3	92.2	96.8	97.4	97.9	98.4	99.1	99.6	100.0	
GE 0	39.7	44.3	67.3	76.0	77.6	82.6	89.3	92.2	96.8	97.4	97.9	98.4	99.1	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 662

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	18.7	20.6	29.1	32.1	32.5	32.6	33.2	33.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	
GE 20000	21.2	23.6	33.9	37.2	37.6	37.9	38.6	39.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	
GE 18000	21.2	24.0	34.7	38.1	38.4	38.8	39.5	40.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	
GE 16000	21.3	24.5	35.6	39.0	39.5	39.9	40.6	41.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	
GE 14000	21.3	24.5	35.6	39.0	39.5	39.9	40.6	41.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	
GE 12000	22.2	25.4	36.5	39.9	40.4	40.7	41.4	42.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	
GE 10000	23.1	26.5	37.7	41.1	41.6	42.0	42.9	43.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	
GE 9000	24.0	27.3	38.8	42.2	42.7	43.0	43.9	45.0	46.4	46.4	46.4	46.4	46.4	46.4	46.4	
GE 8000	25.6	28.9	40.4	43.7	44.3	44.8	45.7	47.1	48.5	48.5	48.5	48.5	48.5	48.5	48.5	
GE 7000	27.9	31.2	42.7	46.0	46.9	47.4	48.5	49.9	51.3	51.3	51.3	51.3	51.3	51.3	51.3	
GE 6000	28.0	31.4	42.9	46.2	47.1	47.6	48.7	50.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	
GE 5000	28.6	32.1	43.6	47.1	48.0	48.7	49.7	51.1	52.7	52.7	52.7	52.7	52.7	52.7	52.7	
GE 4500	28.6	32.1	43.7	47.3	48.1	48.9	50.1	51.5	53.3	53.3	53.3	53.3	53.3	53.3	53.3	
GE 4000	30.2	33.7	46.0	49.6	50.4	51.1	52.9	54.3	56.1	56.1	56.1	56.1	56.1	56.1	56.1	
GE 3500	34.7	38.4	51.9	55.4	56.3	57.0	58.9	60.3	62.1	62.1	62.1	62.1	62.1	62.1	62.1	
GE 3000	38.3	43.0	59.1	62.6	63.5	64.4	66.7	68.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
GE 2500	41.4	46.4	64.2	67.7	68.6	69.5	71.8	73.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	
GE 2000	42.0	47.3	66.8	71.8	72.8	73.9	76.4	78.5	82.0	82.2	82.2	82.2	82.2	82.2	82.2	
GE 1800	43.0	48.3	67.9	72.8	73.9	75.0	77.6	79.7	83.4	83.6	83.6	83.6	83.6	83.6	83.6	
GE 1500	45.3	51.0	72.1	77.2	78.5	80.2	83.2	85.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	
GE 1200	45.9	51.7	73.4	78.8	80.4	82.2	85.5	87.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	
GE 1000	45.9	52.0	75.5	81.1	82.9	85.0	88.5	91.2	95.2	95.4	95.9	95.9	95.9	95.9	95.9	
GE 900	45.9	52.0	75.5	81.1	82.9	85.0	88.5	91.2	95.4	95.6	96.1	96.1	96.1	96.1	96.1	
GE 800	45.9	52.0	75.5	81.5	83.2	85.4	89.1	91.7	96.3	96.5	97.0	97.0	97.0	97.0	97.0	
GE 700	45.9	52.0	75.8	82.2	84.0	86.4	90.1	93.1	97.7	97.9	98.4	98.4	98.4	98.4	98.4	
GE 600	45.9	52.0	75.8	82.4	84.1	86.8	90.5	93.5	98.6	98.8	99.3	99.3	99.3	99.3	99.3	
GE 500	45.9	52.0	75.8	82.5	84.3	87.1	90.8	93.8	99.1	99.3	99.8	99.8	99.8	99.8	99.8	
GE 400	45.9	52.0	75.8	82.5	84.3	87.1	90.8	93.8	99.1	99.3	99.8	99.8	99.8	99.8	99.8	
GE 300	45.9	52.0	75.8	82.5	84.3	87.1	90.8	93.8	99.1	99.3	99.8	99.8	99.8	99.8	99.8	
GE 200	45.9	52.0	75.8	82.5	84.3	87.1	90.8	93.8	99.1	99.3	100.0	100.0	100.0	100.0	100.0	
GE 100	45.9	52.0	75.8	82.5	84.3	87.1	90.8	93.8	99.1	99.3	100.0	100.0	100.0	100.0	100.0	
GE 0	45.9	52.0	75.8	82.5	84.3	87.1	90.8	93.8	99.1	99.3	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 567

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80-86
MONTH: FEB HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	18.3	25.3	31.5	41.1	43.2	44.8	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	
GE 20000	19.9	27.6	37.3	47.7	50.2	52.3	53.9	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
GE 18000	20.3	28.2	37.8	48.1	50.6	52.7	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	
GE 16000	20.3	28.2	37.8	48.1	51.0	53.1	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	
GE 14000	20.3	28.2	37.8	48.1	51.0	53.1	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	
GE 12000	20.7	28.6	38.2	48.5	51.5	53.5	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	
GE 10000	21.2	29.5	39.0	49.4	52.3	54.4	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	
GE 9000	21.6	29.9	39.8	50.2	53.1	55.2	56.8	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	
GE 8000	21.6	30.3	40.2	50.6	53.5	55.6	57.3	58.1	58.9	58.9	58.9	58.9	58.9	58.9	58.9	
GE 7000	22.8	31.5	41.5	51.9	54.8	56.8	58.5	59.3	60.2	60.2	60.2	60.2	60.2	60.2	60.2	
GE 6000	22.8	31.5	41.5	51.9	54.8	56.8	58.5	59.3	60.2	60.2	60.2	60.2	60.2	60.2	60.2	
GE 5000	24.5	33.2	43.2	53.5	56.4	58.5	60.2	61.0	61.8	61.8	61.8	61.8	61.8	61.8	61.8	
GE 4500	24.5	33.2	43.2	53.5	56.4	58.5	60.2	61.0	61.8	61.8	61.8	61.8	61.8	61.8	61.8	
GE 4000	24.5	33.2	43.2	53.5	56.4	59.8	62.2	63.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	
GE 3500	26.6	36.1	46.1	56.4	59.8	63.1	65.6	66.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	
GE 3000	32.0	41.9	51.9	63.9	67.6	71.0	75.5	76.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	
GE 2500	32.8	43.6	54.4	66.4	70.1	73.4	78.0	78.8	80.5	80.5	80.5	80.5	80.5	80.5	80.5	
GE 2000	34.9	45.6	58.1	71.0	74.7	78.0	83.0	84.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	
GE 1800	34.9	45.6	58.9	71.8	75.5	78.8	83.8	85.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	
GE 1500	36.5	47.3	61.4	74.7	78.4	81.7	86.7	88.4	90.9	90.9	91.3	91.3	91.3	91.3	91.3	
GE 1200	36.5	47.3	62.2	75.5	79.7	83.8	88.8	90.5	92.9	92.9	93.4	93.4	93.4	93.4	93.4	
GE 1000	36.5	47.3	63.9	77.2	81.3	85.9	91.3	93.4	95.9	95.9	96.3	96.3	96.7	96.7	96.7	
GE 900	36.5	47.3	63.9	77.2	81.3	85.9	91.3	93.4	95.9	95.9	96.3	96.3	96.7	96.7	96.7	
GE 800	36.5	47.3	63.9	77.2	81.3	85.9	92.5	94.6	97.1	97.1	97.5	97.5	97.9	97.9	97.9	
GE 700	36.5	47.3	63.9	77.2	81.3	85.9	92.5	94.6	97.1	97.1	97.5	97.5	97.9	97.9	97.9	
GE 600	36.5	47.3	63.9	77.2	81.3	85.9	92.9	95.0	97.9	97.9	98.3	98.3	98.8	98.8	98.8	
GE 500	36.9	47.7	64.3	77.6	81.7	86.3	93.4	95.4	98.8	98.8	99.2	99.2	99.6	99.6	99.6	
GE 400	36.9	47.7	64.3	77.6	81.7	86.3	93.4	95.4	98.8	98.8	99.2	99.2	99.6	99.6	99.6	
GE 300	36.9	47.7	64.3	77.6	81.7	86.3	93.4	95.4	98.8	98.8	99.2	99.2	99.6	99.6	100.0	
GE 200	36.9	47.7	64.3	77.6	81.7	86.3	93.4	95.4	98.8	98.8	99.2	99.2	99.6	99.6	100.0	
GE 100	36.9	47.7	64.3	77.6	81.7	86.3	93.4	95.4	98.8	98.8	99.2	99.2	99.6	99.6	100.0	
GE 0	36.9	47.7	64.3	77.6	81.7	86.3	93.4	95.4	98.8	98.8	99.2	99.2	99.6	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 241

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY — PERIOD OF RECORD: 81-86
MONTH: FEB HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	21.6	31.3	35.8	47.8	50.7	57.5	59.7	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	
GE 20000	23.1	32.8	38.8	51.5	54.5	62.7	64.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	
GE 18000	23.1	32.8	38.8	51.5	54.5	62.7	64.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	
GE 16000	23.1	32.8	38.8	51.5	54.5	62.7	64.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	
GE 14000	23.1	32.8	38.8	51.5	54.5	62.7	64.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	
GE 12000	23.1	32.8	38.8	51.5	54.5	62.7	64.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	
GE 10000	23.1	33.6	39.6	52.2	55.2	63.4	65.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	
GE 9000	23.1	33.6	39.6	52.2	55.2	63.4	65.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	
GE 8000	23.9	35.8	41.8	54.5	57.5	65.7	67.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	
GE 7000	25.4	37.3	43.3	56.0	59.0	67.2	69.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	
GE 6000	25.4	37.3	43.3	56.0	59.0	67.2	69.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	
GE 5000	25.4	37.3	43.3	56.0	59.0	67.2	69.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	
GE 4500	26.1	38.1	44.0	56.7	59.7	67.9	70.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	
GE 4000	26.1	38.1	44.8	57.5	60.4	70.9	73.1	74.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	
GE 3500	26.9	38.8	47.0	59.7	62.7	73.1	76.1	77.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	
GE 3000	29.1	41.0	50.7	65.7	69.4	79.9	82.8	84.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	
GE 2500	31.3	43.3	53.0	67.9	72.4	82.8	85.8	87.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	
GE 2000	31.3	44.0	53.7	68.7	73.1	83.6	88.1	91.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
GE 1800	31.3	44.0	55.2	70.1	74.6	85.1	89.6	92.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	
GE 1500	31.3	44.0	55.2	70.1	74.6	85.1	89.6	92.5	94.0	94.0	95.5	95.5	95.5	95.5	95.5	
GE 1200	32.1	45.5	56.7	71.6	76.1	86.6	91.0	94.0	95.5	95.5	97.0	97.0	97.0	97.0	97.0	
GE 1000	32.1	45.5	59.7	74.6	79.1	89.6	94.0	97.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	
GE 900	32.1	45.5	59.7	74.6	79.1	89.6	94.0	97.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	
GE 800	32.1	45.5	59.7	74.6	79.1	89.6	94.0	97.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	
GE 700	32.1	45.5	59.7	74.6	79.1	89.6	94.0	97.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	
GE 600	32.1	45.5	59.7	74.6	79.1	89.6	94.0	97.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	
GE 500	32.1	45.5	59.7	74.6	79.1	89.6	94.0	97.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	
GE 400	32.1	45.5	59.7	74.6	79.1	89.6	94.0	97.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	
GE 300	32.1	45.5	59.7	74.6	79.1	89.6	94.0	97.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	
GE 200	32.1	45.5	59.7	74.6	79.1	89.6	94.0	97.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	
GE 100	32.1	45.5	59.7	74.6	79.1	89.6	94.0	97.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	
GE 0	32.1	45.5	59.7	74.6	79.1	89.6	94.0	97.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 134

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	12.8	14.9	21.3	24.9	25.5	26.9	28.4	29.5	31.5	31.7	31.9	32.0	32.3	32.9	33.3	
GE 20000	14.6	17.0	24.7	28.5	29.2	30.9	32.5	33.8	36.2	36.4	36.7	36.9	37.2	37.7	38.3	
GE 18000	14.9	17.4	25.4	29.2	29.8	31.6	33.2	34.5	37.0	37.2	37.5	37.6	37.9	38.5	39.2	
GE 16000	14.9	17.5	25.7	29.5	30.2	32.0	33.6	34.9	37.3	37.6	37.8	38.0	38.3	38.9	39.5	
GE 14000	15.0	17.6	25.8	29.6	30.4	32.2	33.8	35.1	37.6	37.8	38.1	38.2	38.5	39.1	39.8	
GE 12000	15.3	17.9	26.1	29.9	30.7	32.5	34.1	35.4	37.9	38.2	38.4	38.6	38.9	39.5	40.1	
GE 10000	16.2	18.9	27.3	31.1	31.9	33.7	35.4	36.8	39.3	39.5	39.8	40.0	40.3	40.9	41.5	
GE 9000	16.5	19.3	27.8	31.6	32.4	34.3	36.0	37.3	39.9	40.1	40.4	40.6	40.9	41.5	42.1	
GE 8000	17.6	20.6	29.4	33.5	34.3	36.2	38.1	39.7	42.4	42.7	43.0	43.2	43.5	44.1	44.8	
GE 7000	19.1	22.3	31.3	35.6	36.4	38.5	40.4	42.0	44.8	45.0	45.3	45.5	45.8	46.5	47.2	
GE 6000	19.2	22.4	31.4	35.6	36.5	38.5	40.5	42.0	44.8	45.1	45.4	45.6	45.9	46.6	47.2	
GE 5000	20.1	23.4	32.7	37.1	38.0	40.2	42.1	43.7	46.5	46.8	47.1	47.3	47.6	48.3	48.9	
GE 4500	20.8	24.1	33.6	38.2	39.1	41.4	43.4	45.0	47.9	48.2	48.5	48.7	49.0	49.7	50.3	
GE 4000	22.3	25.6	35.6	40.3	41.3	43.9	46.2	47.9	51.0	51.2	51.5	51.7	52.1	52.8	53.4	
GE 3500	24.7	28.1	38.9	43.7	44.8	47.5	50.0	51.7	54.8	55.0	55.4	55.6	55.9	56.6	57.3	
GE 3000	27.2	31.1	43.8	49.1	50.2	53.2	56.2	58.1	61.3	61.5	61.9	62.2	62.5	63.2	63.9	
GE 2500	29.2	33.3	47.0	52.6	53.9	57.0	60.2	62.1	65.5	65.8	66.2	66.5	66.8	67.5	68.3	
GE 2000	31.3	35.9	50.8	57.2	58.7	61.9	65.6	67.9	72.3	72.7	73.2	73.6	74.0	74.7	75.4	
GE 1800	31.7	36.3	51.9	58.4	59.9	63.2	67.1	69.4	73.9	74.3	74.9	75.2	75.6	76.3	77.1	
GE 1500	33.7	38.4	55.8	63.0	64.8	68.6	73.1	75.5	80.5	80.8	81.5	81.9	82.5	83.2	83.9	
GE 1200	34.2	39.2	57.7	65.7	67.8	71.7	76.5	79.0	84.3	84.7	85.4	85.8	86.5	87.2	87.9	
GE 1000	34.4	39.5	59.5	68.0	70.2	74.5	79.6	82.3	87.7	88.1	89.1	89.6	90.3	91.0	91.7	
GE 900	34.4	39.6	59.8	68.4	70.7	75.0	80.3	83.1	88.7	89.1	90.1	90.7	91.4	92.0	92.8	
GE 800	34.4	39.7	60.1	68.9	71.1	75.5	81.1	84.0	89.9	90.3	91.3	91.9	92.6	93.3	94.0	
GE 700	34.4	39.8	60.4	69.3	71.6	76.1	82.0	85.1	91.2	91.6	92.7	93.3	94.0	94.7	95.5	
GE 600	34.4	39.9	60.7	69.7	72.1	76.6	82.7	85.7	92.3	92.7	93.8	94.4	95.2	95.9	96.8	
GE 500	34.5	39.9	60.8	69.9	72.2	76.8	82.9	85.9	93.0	93.5	94.6	95.2	96.1	96.9	97.8	
GE 400	34.5	39.9	60.8	69.9	72.2	76.8	83.0	86.0	93.1	93.6	94.7	95.4	96.4	97.2	98.2	
GE 300	34.5	39.9	60.8	69.9	72.2	76.8	83.0	86.0	93.1	93.6	94.7	95.5	96.4	97.3	98.6	
GE 200	34.5	39.9	60.8	69.9	72.2	76.8	83.0	86.1	93.2	93.6	94.8	95.6	96.6	97.7	99.0	
GE 100	34.5	39.9	60.8	69.9	72.2	76.8	83.0	86.1	93.2	93.7	94.8	95.6	96.7	98.0	99.6	
GE 0	34.5	39.9	60.8	69.9	72.2	76.8	83.0	86.1	93.2	93.7	94.9	95.7	96.9	98.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 3006

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 85
MONTH: MAR HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000																
GE 4500																
GE 4000																
GE 3500				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 79-84
MONTH: MAR HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		5.6	5.6	11.1	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	27.8	27.8
GE 20000		5.6	5.6	11.1	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	27.8	27.8
GE 18000		5.6	5.6	11.1	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	27.8	27.8
GE 16000		5.6	5.6	11.1	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	27.8	27.8
GE 14000		5.6	5.6	11.1	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	27.8	27.8
GE 12000		5.6	5.6	11.1	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	27.8	27.8
GE 10000		5.6	5.6	11.1	16.7	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	27.8	27.8
GE 9000		11.1	11.1	16.7	22.2	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	33.3	33.3
GE 8000		11.1	11.1	16.7	22.2	27.8	27.8	27.8	27.8	27.8	33.3	33.3	33.3	33.3	38.9	38.9
GE 7000		16.7	16.7	22.2	27.8	33.3	33.3	33.3	33.3	33.3	38.9	38.9	38.9	38.9	44.4	44.4
GE 6000		16.7	16.7	22.2	27.8	33.3	33.3	33.3	33.3	33.3	38.9	38.9	38.9	38.9	44.4	44.4
GE 5000		16.7	16.7	22.2	27.8	33.3	33.3	33.3	33.3	33.3	38.9	38.9	38.9	38.9	44.4	44.4
GE 4500		16.7	16.7	22.2	27.8	33.3	33.3	33.3	33.3	33.3	38.9	38.9	38.9	38.9	44.4	44.4
GE 4000		22.2	22.2	27.8	33.3	38.9	38.9	38.9	38.9	38.9	44.4	44.4	44.4	55.6	61.1	61.1
GE 3500		22.2	22.2	27.8	33.3	38.9	38.9	38.9	38.9	38.9	44.4	44.4	44.4	55.6	61.1	61.1
GE 3000		27.8	27.8	33.3	44.4	50.0	50.0	50.0	50.0	50.0	55.6	55.6	55.6	66.7	72.2	72.2
GE 2500		27.8	27.8	33.3	44.4	50.0	50.0	50.0	50.0	50.0	55.6	55.6	55.6	66.7	72.2	77.8
GE 2000		27.8	27.8	33.3	44.4	50.0	50.0	50.0	50.0	50.0	55.6	55.6	55.6	66.7	72.2	77.8
GE 1800		27.8	33.3	38.9	50.0	55.6	55.6	55.6	55.6	55.6	61.1	61.1	61.1	72.2	77.8	83.3
GE 1500		33.3	38.9	44.4	55.6	61.1	61.1	61.1	61.1	61.1	66.7	66.7	66.7	77.8	83.3	88.9
GE 1200		33.3	38.9	44.4	55.6	61.1	61.1	61.1	61.1	61.1	66.7	66.7	66.7	77.8	83.3	88.9
GE 1000		33.3	38.9	44.4	55.6	61.1	61.1	61.1	61.1	61.1	66.7	66.7	66.7	77.8	83.3	88.9
GE 900		33.3	38.9	44.4	55.6	61.1	61.1	61.1	61.1	61.1	66.7	66.7	66.7	77.8	83.3	88.9
GE 800		33.3	38.9	44.4	55.6	61.1	61.1	61.1	61.1	61.1	66.7	66.7	66.7	77.8	83.3	88.9
GE 700		33.3	38.9	44.4	55.6	61.1	61.1	61.1	61.1	61.1	66.7	66.7	66.7	83.3	88.9	94.4
GE 600		33.3	38.9	44.4	55.6	61.1	61.1	61.1	61.1	61.1	66.7	66.7	66.7	83.3	88.9	94.4
GE 500		33.3	38.9	44.4	55.6	61.1	61.1	61.1	61.1	61.1	66.7	66.7	66.7	83.3	88.9	94.4
GE 400		33.3	38.9	44.4	55.6	61.1	61.1	61.1	61.1	61.1	66.7	66.7	66.7	83.3	88.9	94.4
GE 300		33.3	38.9	44.4	55.6	61.1	61.1	61.1	61.1	61.1	66.7	66.7	66.7	83.3	88.9	94.4
GE 200		33.3	38.9	44.4	55.6	61.1	61.1	61.1	61.1	61.1	66.7	66.7	66.7	88.9	94.4	100.0
GE 100		33.3	38.9	44.4	55.6	61.1	61.1	61.1	61.1	61.1	66.7	66.7	66.7	88.9	94.4	100.0
GE 0		33.3	38.9	44.4	55.6	61.1	61.1	61.1	61.1	61.1	66.7	66.7	66.7	88.9	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 18

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	9.0	9.5	11.6	13.4	14.4	15.9	16.7	18.0	19.4	19.6	19.6	19.9	19.9	20.1	21.3	
GE 20000	11.9	12.7	15.6	17.7	18.9	20.6	21.6	23.0	24.9	25.2	25.3	25.7	25.7	25.9	27.3	
GE 18000	12.4	13.3	16.3	18.4	19.6	21.3	22.4	23.8	25.7	26.0	26.1	26.6	26.6	26.7	28.4	
GE 16000	12.4	13.3	16.3	18.4	19.6	21.3	22.4	23.8	25.7	26.0	26.1	26.6	26.6	26.7	28.4	
GE 14000	12.7	13.6	16.7	18.8	20.1	21.7	22.8	24.2	26.1	26.4	26.6	27.0	27.0	27.1	28.8	
GE 12000	13.3	14.1	17.3	19.4	20.6	22.3	23.4	24.8	26.7	27.0	27.1	27.5	27.5	27.7	29.5	
GE 10000	13.8	14.7	18.1	20.2	21.6	23.5	24.6	26.1	28.2	28.5	28.6	29.0	29.0	29.2	30.8	
GE 9000	14.2	15.1	18.5	20.7	22.1	24.1	25.2	26.7	28.8	29.0	29.2	29.6	29.9	30.0	31.7	
GE 8000	15.6	16.6	20.5	22.8	24.5	26.6	27.7	29.2	31.7	32.0	32.1	32.5	33.2	33.3	35.1	
GE 7000	16.3	17.3	21.4	23.8	25.4	27.5	28.6	30.2	32.6	32.9	33.1	33.5	34.2	34.3	36.1	
GE 6000	16.6	17.6	21.7	24.1	25.7	27.8	28.9	30.4	32.9	33.2	33.5	33.7	34.4	34.6	36.4	
GE 5000	16.9	18.1	22.4	24.9	26.7	28.9	30.0	31.5	34.3	34.6	34.7	35.1	35.8	36.0	37.8	
GE 4500	17.6	18.9	23.8	26.7	28.5	30.7	32.1	33.6	36.4	36.7	36.8	37.2	37.9	38.0	39.8	
GE 4000	19.4	21.2	26.6	29.7	31.5	33.7	35.1	36.7	39.4	39.7	39.8	40.4	41.5	41.6	43.4	
GE 3500	23.9	25.9	32.4	36.1	38.0	40.5	42.0	43.6	46.3	46.7	46.9	47.4	48.5	48.8	51.0	
GE 3000	27.0	29.2	36.0	42.2	44.4	47.0	49.5	51.0	54.4	54.8	55.0	55.7	56.8	57.1	59.3	
GE 2500	30.2	32.6	42.9	47.4	49.8	52.8	55.5	57.0	60.7	61.4	61.8	62.5	63.6	63.9	66.1	
GE 2000	32.2	34.9	45.4	50.3	53.0	56.4	59.3	61.0	65.0	65.7	66.1	66.9	68.0	68.3	70.7	
GE 1800	32.4	35.0	46.2	51.5	54.1	57.7	60.6	62.2	66.3	66.9	67.4	68.2	69.3	69.6	71.9	
GE 1500	34.2	37.3	50.6	56.6	59.2	63.5	66.5	68.3	72.6	73.6	74.1	75.0	76.1	76.3	78.7	
GE 1200	35.7	39.0	53.5	60.0	62.9	67.2	70.4	72.2	76.5	77.5	78.0	78.8	79.9	80.2	82.6	
GE 1000	36.4	39.8	55.9	62.8	65.7	70.4	73.9	75.9	80.5	81.5	82.0	82.8	84.0	84.2	86.6	
GE 900	37.1	40.9	57.7	64.7	67.6	72.6	76.1	78.1	82.8	83.8	84.5	85.3	86.4	86.7	89.1	
GE 800	37.1	41.4	58.5	66.4	69.3	74.3	77.7	79.9	84.8	86.0	86.7	87.6	88.8	89.1	91.7	
GE 700	37.1	41.4	58.6	66.7	69.6	74.6	78.3	80.6	85.5	86.7	87.4	88.2	89.6	89.9	92.5	
GE 600	37.1	41.4	58.6	66.8	69.7	74.8	78.6	80.9	85.8	87.1	87.8	88.9	90.3	90.7	93.6	
GE 500	37.1	41.4	58.6	66.8	69.7	75.2	79.1	81.5	86.3	87.7	88.7	89.8	91.6	92.0	95.0	
GE 400	37.1	41.4	58.6	66.8	69.7	75.2	79.4	81.9	86.9	88.4	89.3	90.6	92.5	93.1	96.1	
GE 300	37.1	41.4	58.6	66.8	69.7	75.4	79.5	82.0	87.1	88.7	89.8	91.1	93.1	93.8	97.4	
GE 200	37.1	41.4	58.8	66.9	69.8	75.5	79.7	82.2	87.3	88.8	89.9	91.4	93.4	94.5	98.9	
GE 100	37.1	41.4	58.8	66.9	69.8	75.5	79.7	82.3	87.4	88.9	90.0	91.6	93.5	94.8	99.4	
GE 0	37.1	41.4	58.8	66.9	69.8	75.5	79.8	82.4	87.6	89.1	90.2	91.7	93.6	94.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	9.7	10.3	13.1	15.1	15.3	16.3	17.6	18.5	19.3	19.3	19.3	19.5	19.5	19.7	19.8	
GE 20000	14.2	15.0	16.6	20.7	20.9	21.9	23.5	24.3	25.4	25.4	25.4	25.7	25.7	26.0	26.6	
GE 18000	15.2	16.1	20.1	22.3	22.5	23.5	25.1	26.0	27.1	27.1	27.1	27.4	27.4	27.7	28.3	
GE 16000	15.5	16.3	20.3	22.5	22.7	23.7	25.3	26.3	27.4	27.4	27.4	27.6	27.6	28.0	28.6	
GE 14000	15.7	16.5	20.6	22.7	23.0	24.0	25.5	26.5	27.6	27.6	27.6	27.9	27.9	28.2	28.8	
GE 12000	16.4	17.3	21.3	23.5	23.7	24.7	26.3	27.3	28.3	28.3	28.3	28.6	28.6	29.0	29.6	
GE 10000	16.9	18.0	22.3	24.6	25.1	26.5	28.2	29.2	30.3	30.3	30.3	30.5	30.5	30.9	31.5	
GE 9000	17.9	19.0	23.2	25.8	26.3	27.7	29.4	30.4	31.5	31.5	31.5	31.8	31.8	32.1	32.7	
GE 8000	20.0	21.2	25.9	29.1	29.6	31.0	32.7	33.8	35.0	35.0	35.2	35.4	35.4	35.8	36.4	
GE 7000	20.4	21.7	27.1	30.3	30.8	32.2	34.1	35.2	36.4	36.4	36.5	36.7	36.7	37.1	37.7	
GE 6000	20.4	21.7	27.1	30.3	30.8	32.2	34.1	35.2	36.4	36.4	36.5	36.7	36.7	37.1	37.7	
GE 5000	21.5	22.7	28.5	32.0	32.5	33.9	35.8	36.9	38.2	38.2	38.3	38.6	38.6	38.9	39.5	
GE 4500	22.0	23.4	29.3	33.1	33.6	35.2	37.0	38.1	39.4	39.4	39.5	39.8	39.8	40.1	40.8	
GE 4000	23.1	24.5	31.4	35.4	35.9	37.5	39.3	40.4	42.1	42.1	42.3	42.6	42.8	43.2	43.8	
GE 3500	26.5	27.9	35.8	40.0	40.9	42.6	44.5	45.7	47.6	47.6	47.8	48.1	48.3	48.7	49.3	
GE 3000	34.5	35.9	45.3	49.8	50.9	52.9	55.4	56.7	58.9	59.0	59.4	59.6	59.9	60.2	60.8	
GE 2500	36.9	38.4	48.4	53.8	55.1	57.2	59.7	61.1	63.6	63.7	64.1	64.4	64.6	65.0	65.6	
GE 2000	40.6	42.2	53.6	59.4	60.7	63.3	65.9	67.3	70.1	70.2	70.8	71.0	71.3	71.7	72.3	
GE 1800	41.0	42.7	54.7	60.5	61.8	64.4	67.0	68.4	71.2	71.4	72.0	72.3	72.5	72.9	73.5	
GE 1500	42.7	44.6	59.6	65.6	67.3	70.2	72.9	74.3	77.4	77.7	78.6	78.8	79.1	79.4	80.0	
GE 1200	45.0	47.2	64.4	70.4	72.3	75.3	78.0	79.7	83.2	83.7	84.5	84.9	85.2	85.5	86.1	
GE 1000	46.2	48.7	66.8	73.7	75.5	78.8	81.6	83.8	87.3	88.0	88.8	89.2	89.7	90.0	90.6	
GE 900	46.4	48.9	67.5	74.5	76.4	79.7	82.6	84.9	88.4	89.1	89.9	90.3	90.8	91.1	91.7	
GE 800	46.5	49.0	67.6	75.1	77.3	80.7	83.6	85.9	89.7	90.4	91.2	91.6	92.6	92.9	93.6	
GE 700	46.5	49.1	67.8	75.3	77.7	81.1	84.2	86.6	90.5	91.2	92.1	92.5	93.6	93.9	94.5	
GE 600	46.5	49.1	67.8	75.3	77.9	81.3	84.3	86.9	90.8	91.5	92.6	92.9	94.0	94.4	95.4	
GE 500	46.5	49.1	67.8	75.3	77.9	81.6	84.8	87.6	91.5	92.3	93.6	93.9	95.0	95.4	96.6	
GE 400	46.5	49.1	67.9	75.4	78.0	81.8	84.9	87.8	91.7	92.6	93.8	94.2	95.5	95.9	97.2	
GE 300	46.5	49.1	67.9	75.4	78.0	81.8	84.9	87.8	91.8	92.8	94.2	94.6	96.0	96.4	98.1	
GE 200	46.5	49.1	67.9	75.4	78.0	81.8	84.9	87.8	91.8	92.8	94.2	94.6	96.2	97.0	98.8	
GE 100	46.5	49.1	67.9	75.4	78.0	81.8	84.9	87.8	91.8	92.8	94.2	94.6	96.2	97.0	99.0	
GE 0	46.5	49.1	67.9	75.4	78.0	81.8	85.3	88.2	92.2	93.2	94.5	95.0	96.6	97.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	12.8	14.0	15.9	17.6	18.0	18.3	18.9	19.0	19.1	19.3	19.4	19.4	19.4	19.4	19.4	
GE 20000	17.6	19.0	22.0	24.2	24.6	25.0	25.6	25.7	26.0	26.1	26.2	26.2	26.2	26.2	26.2	
GE 18000	19.0	20.4	23.5	25.7	26.1	26.5	27.1	27.3	27.5	27.7	27.8	27.8	27.8	27.8	27.8	
GE 16000	19.3	20.7	23.7	26.0	26.3	26.7	27.4	27.5	27.8	27.9	28.0	28.0	28.0	28.0	28.0	
GE 14000	19.4	20.8	23.9	26.1	26.5	26.9	27.5	27.7	27.9	28.0	28.2	28.2	28.2	28.2	28.2	
GE 12000	20.2	21.8	24.8	27.0	27.4	27.8	28.4	28.6	28.8	29.0	29.1	29.1	29.1	29.1	29.1	
GE 10000	21.6	23.3	26.5	28.8	29.2	30.0	30.7	30.8	31.1	31.2	31.3	31.3	31.3	31.3	31.3	
GE 9000	22.5	24.4	27.8	30.3	30.7	31.5	32.1	32.2	32.5	32.6	32.8	32.8	32.8	32.8	32.8	
GE 8000	24.4	26.3	30.0	32.6	33.2	33.9	34.6	34.7	35.0	35.1	35.3	35.3	35.3	35.3	35.3	
GE 7000	25.6	27.9	32.0	34.7	35.3	36.0	36.8	37.0	37.2	37.4	37.5	37.5	37.5	37.5	37.5	
GE 6000	25.6	27.9	32.1	34.9	35.4	36.2	37.0	37.1	37.4	37.5	37.6	37.6	37.6	37.6	37.6	
GE 5000	26.5	28.8	33.2	35.9	36.4	37.2	38.0	38.1	38.4	38.5	38.7	38.7	38.7	38.7	38.7	
GE 4500	27.3	29.8	34.6	37.4	37.9	38.7	39.4	39.6	39.8	40.0	40.1	40.1	40.1	40.1	40.1	
GE 4000	28.8	31.3	36.8	39.7	40.2	41.0	41.8	42.3	42.6	42.7	42.9	42.9	42.9	42.9	42.9	
GE 3500	35.5	38.3	44.2	47.3	47.8	48.6	49.4	49.9	50.2	50.3	50.5	50.5	50.5	50.5	50.5	
GE 3000	48.5	51.6	59.8	63.0	63.6	64.6	65.8	66.7	67.2	67.4	67.6	67.6	67.6	67.6	67.6	
GE 2500	53.3	56.5	65.4	68.7	69.2	70.2	71.4	72.5	73.1	73.3	73.5	73.5	73.5	73.5	73.5	
GE 2000	57.7	61.5	72.0	75.5	76.1	77.5	78.9	80.2	81.1	81.3	81.5	81.5	81.5	81.5	81.5	
GE 1800	58.5	62.8	73.7	77.2	77.9	79.2	80.6	82.0	83.0	83.4	83.6	83.6	83.6	83.6	83.6	
GE 1500	59.9	64.9	77.1	80.7	81.5	82.8	84.4	86.1	87.0	87.4	87.7	87.7	87.7	87.7	87.7	
GE 1200	61.3	66.8	79.7	83.4	84.1	85.5	87.3	89.4	90.3	90.7	91.0	91.0	91.0	91.0	91.0	
GE 1000	62.3	67.8	81.9	85.8	86.6	88.1	90.0	92.3	93.3	93.7	94.1	94.1	94.1	94.1	94.1	
GE 900	62.4	67.9	82.3	86.2	87.2	88.5	90.4	92.7	93.8	94.2	94.6	94.6	94.6	94.6	94.6	
GE 800	62.5	68.0	82.8	86.8	87.8	89.1	91.2	93.4	94.6	95.0	95.4	95.4	95.5	95.5	95.5	
GE 700	62.5	68.0	82.8	87.2	88.5	90.0	92.3	94.5	96.3	96.7	97.1	97.1	97.2	97.2	97.2	
GE 600	62.6	68.2	83.0	87.7	89.0	90.6	92.9	95.2	97.0	97.4	98.2	98.2	98.3	98.3	98.3	
GE 500	62.6	68.2	83.0	87.7	89.0	90.6	93.2	95.5	97.5	97.9	98.7	98.7	99.0	99.0	99.0	
GE 400	62.6	68.2	83.1	87.8	89.1	90.7	93.3	95.7	97.8	98.2	99.0	99.0	99.2	99.2	99.3	
GE 300	62.6	68.2	83.1	87.8	89.1	90.7	93.3	95.7	97.8	98.2	99.0	99.0	99.5	99.5	99.7	
GE 200	62.6	68.2	83.1	87.8	89.1	90.7	93.3	95.7	97.8	98.2	99.0	99.0	99.5	99.5	99.9	
GE 100	62.6	68.2	83.1	87.8	89.1	90.7	93.3	95.7	97.8	98.2	99.0	99.0	99.5	99.5	99.9	
GE 0	62.6	68.2	83.1	87.8	89.1	90.7	93.4	95.8	97.9	98.3	99.1	99.1	99.6	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 763

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY — PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	19.2	20.1	22.1	22.5	23.0	23.3	24.2	24.2	24.4	24.4	24.4	24.4	24.4	24.4	24.4	
GE 20000	24.7	25.8	28.4	29.1	29.8	30.1	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
GE 18000	25.0	26.1	28.8	29.6	30.2	30.5	31.4	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6	
GE 16000	25.3	26.4	29.1	29.9	30.5	30.8	31.7	31.7	31.9	31.9	31.9	31.9	31.9	31.9	31.9	
GE 14000	25.9	27.0	29.8	30.5	31.1	31.4	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	
GE 12000	26.8	27.9	30.7	31.4	32.1	32.4	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	
GE 10000	29.9	31.4	34.2	35.1	35.7	36.3	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	
GE 9000	31.3	33.4	36.2	37.1	37.7	38.3	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	
GE 8000	33.1	35.3	38.8	39.7	40.3	41.0	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	
GE 7000	34.0	36.2	40.0	41.0	41.7	42.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	
GE 6000	34.4	36.5	40.3	41.3	42.0	42.6	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	
GE 5000	35.1	37.6	42.0	42.9	43.7	44.8	45.7	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	
GE 4500	36.3	39.0	43.4	44.3	45.1	46.2	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	
GE 4000	39.7	42.3	48.2	49.1	50.0	51.2	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	
GE 3500	45.6	48.2	54.3	55.5	56.4	57.7	58.6	58.6	58.7	58.7	58.9	58.9	58.9	58.9	58.9	
GE 3000	57.4	60.6	67.8	69.0	69.9	71.2	72.9	73.2	73.3	73.3	73.5	73.5	73.5	73.5	73.5	
GE 2500	60.7	64.4	71.9	73.2	74.1	75.3	77.3	77.8	77.9	77.9	78.1	78.1	78.1	78.1	78.1	
GE 2000	65.3	70.1	78.7	80.1	81.1	82.5	84.8	85.3	85.6	85.6	85.7	85.7	85.7	85.7	85.7	
GE 1800	65.8	70.6	79.3	80.7	81.9	83.3	85.6	86.0	86.3	86.5	86.7	86.7	86.7	86.7	86.7	
GE 1500	66.4	71.3	81.0	83.3	84.5	85.9	88.3	88.8	89.1	89.3	89.4	89.4	89.4	89.4	89.4	
GE 1200	67.2	72.2	82.2	84.7	85.9	87.9	90.6	91.1	91.7	91.9	92.0	92.0	92.0	92.0	92.0	
GE 1000	67.8	73.0	84.2	86.8	88.0	90.3	93.1	93.7	94.6	94.8	94.9	94.9	94.9	94.9	94.9	
GE 900	67.8	73.0	84.8	87.4	88.7	91.1	94.5	95.1	96.0	96.2	96.3	96.3	96.3	96.3	96.3	
GE 800	67.8	73.0	84.8	87.4	88.7	91.3	94.8	95.4	96.3	96.5	96.6	96.6	96.6	96.6	96.6	
GE 700	67.8	73.0	85.0	88.2	89.4	92.0	95.7	96.5	97.4	97.5	97.7	97.7	97.9	97.9	97.9	
GE 600	67.8	73.0	85.0	88.5	89.7	92.3	96.0	96.8	97.7	98.0	98.2	98.2	98.3	98.3	98.3	
GE 500	67.8	73.0	85.0	88.5	89.7	92.3	96.0	96.8	97.7	98.0	98.2	98.2	98.3	98.3	98.3	
GE 400	67.8	73.0	85.1	88.7	89.9	92.5	96.2	97.2	98.2	98.6	99.2	99.2	100.0	100.0	100.0	
GE 300	67.8	73.0	85.1	88.7	89.9	92.5	96.2	97.2	98.2	98.6	99.2	99.2	100.0	100.0	100.0	
GE 200	67.8	73.0	85.1	88.7	89.9	92.5	96.2	97.2	98.2	98.6	99.2	99.2	100.0	100.0	100.0	
GE 100	67.8	73.0	85.1	88.7	89.9	92.5	96.2	97.2	98.2	98.6	99.2	99.2	100.0	100.0	100.0	
GE 0	67.8	73.0	85.1	88.7	89.9	92.5	96.2	97.2	98.2	98.6	99.2	99.2	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 652

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY — PERIOD OF RECORD: 77-78,80-86
MONTH: MAR HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	17.9	20.5	24.8	25.7	26.4	26.7	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	
GE 20000	23.5	26.4	30.9	31.9	33.2	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	
GE 18000	23.5	26.4	30.9	31.9	33.2	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	
GE 16000	23.5	26.4	30.9	31.9	33.2	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	
GE 14000	23.5	26.4	30.9	31.9	33.2	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	
GE 12000	23.5	26.4	30.9	31.9	33.2	33.	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	
GE 10000	25.4	28.3	32.9	33.9	35.2	35.8	36.5	36.5	36.8	36.8	37.1	37.1	37.1	37.1	37.1	
GE 9000	25.7	29.3	33.9	34.9	36.2	36.8	37.5	37.5	37.8	37.8	38.1	38.1	38.1	38.1	38.1	
GE 8000	27.7	31.6	36.5	37.8	39.1	39.7	40.4	40.4	40.7	40.7	41.0	41.0	41.0	41.0	41.0	
GE 7000	29.3	33.2	39.4	40.7	42.3	43.3	44.0	44.0	44.3	44.3	44.6	44.6	44.6	44.6	44.6	
GE 6000	29.3	33.2	39.4	40.7	42.3	43.3	44.0	44.0	44.3	44.3	44.6	44.6	44.6	44.6	44.6	
GE 5000	30.0	34.2	40.4	41.7	43.3	45.3	45.9	45.9	46.3	46.3	46.6	46.6	46.6	46.6	46.6	
GE 4500	31.9	36.8	44.3	45.6	47.2	49.2	49.8	49.8	50.2	50.2	50.5	50.5	50.5	50.5	50.5	
GE 4000	36.2	41.4	51.1	52.4	54.1	56.7	57.3	57.3	57.7	57.7	58.0	58.0	58.0	58.0	58.0	
GE 3500	42.0	47.2	57.0	59.3	60.9	63.5	64.2	64.2	64.5	64.5	64.8	64.8	64.8	64.8	64.8	
GE 3000	47.6	53.1	63.5	66.1	68.4	71.0	71.7	72.6	73.0	73.0	73.3	73.3	73.3	73.3	73.3	
GE 2500	51.1	57.0	66.4	71.0	73.3	75.9	76.9	77.9	78.5	78.5	78.8	78.8	78.8	78.8	78.8	
GE 2000	54.4	61.6	73.6	77.9	80.5	83.4	85.0	86.0	88.3	88.3	88.6	88.6	88.6	88.6	88.6	
GE 1800	54.4	61.6	73.6	77.9	80.5	83.7	85.3	86.3	88.6	88.9	89.3	89.3	89.3	89.3	89.3	
GE 1500	54.4	61.6	76.2	80.5	83.1	86.6	88.9	89.9	92.2	92.5	92.8	92.8	92.8	92.8	92.8	
GE 1200	55.4	62.5	77.2	81.4	84.0	87.6	90.2	91.2	93.5	93.8	94.1	94.1	94.1	94.1	94.1	
GE 1000	55.4	62.5	77.9	82.1	84.7	88.3	90.9	91.9	94.1	94.5	94.8	94.8	94.8	94.8	94.8	
GE 900	55.4	62.	77.9	82.1	84.7	88.3	90.9	91.9	94.1	94.5	94.8	94.8	94.8	94.8	94.8	
GE 800	55.4	62.5	77.9	82.1	84.7	88.3	90.9	91.9	94.1	94.5	94.8	95.1	95.4	95.4	95.4	
GE 700	55.4	62.5	77.9	82.1	85.7	89.3	91.9	92.8	95.4	95.8	96.1	96.4	96.7	96.7	96.7	
GE 600	55.4	62.5	77.9	82.1	85.7	89.3	92.2	93.2	95.8	96.1	96.4	96.7	97.1	97.1	97.1	
GE 500	55.4	62.5	77.9	82.1	85.7	89.3	92.2	93.2	96.1	96.4	96.7	97.1	97.4	97.4	97.4	
GE 400	55.4	62.5	77.9	82.1	85.7	89.3	92.2	93.2	97.4	97.7	98.4	98.7	99.7	100.0	100.0	
GE 300	55.4	62.5	77.9	82.1	85.7	89.3	92.2	93.2	97.4	97.7	98.4	98.7	99.7	100.0	100.0	
GE 200	55.4	62.5	77.9	82.1	85.7	89.3	92.2	93.2	97.4	97.7	98.4	98.7	99.7	100.0	100.0	
GE 100	55.4	62.5	77.9	82.1	85.7	89.3	92.2	93.2	97.4	97.7	98.4	98.7	99.7	100.0	100.0	
GE 0	55.4	62.5	77.9	82.1	85.7	89.3	92.2	93.2	97.4	97.7	98.4	98.7	99.7	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 307

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 78,80-86
MONTH: MAR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	17.9	21.4	24.8	25.5	27.6	27.6	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	
GE 20000	19.3	22.8	26.2	26.9	29.0	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	
GE 18000	19.3	22.8	26.2	26.9	29.0	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	
GE 16000	19.3	22.8	26.2	26.9	29.0	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	
GE 14000	19.3	22.8	26.2	26.9	29.0	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	
GE 12000	19.3	22.8	26.2	26.9	29.0	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	
GE 10000	20.0	23.4	26.9	27.6	29.7	29.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	
GE 9000	20.0	23.4	26.9	27.6	29.7	29.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	
GE 8000	20.7	26.2	29.7	30.3	32.4	32.4	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	
GE 7000	23.4	29.0	32.4	33.1	36.6	36.6	37.2	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	
GE 6000	23.4	29.0	32.4	33.1	36.6	36.6	37.2	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	
GE 5000	24.8	30.3	33.8	34.5	37.9	37.9	38.6	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	
GE 4500	28.3	34.5	38.6	39.3	42.8	42.8	43.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	
GE 4000	33.8	40.0	46.9	47.6	51.0	51.0	51.7	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	
GE 3500	40.0	46.9	55.9	56.6	60.0	60.7	61.4	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	
GE 3000	47.6	54.5	64.8	65.5	70.3	71.7	73.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	
GE 2500	52.4	59.3	70.3	71.0	75.9	77.2	79.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	
GE 2000	56.6	66.2	77.9	78.6	84.1	85.5	87.6	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	
GE 1800	56.6	66.2	77.9	80.0	85.5	87.6	89.7	91.7	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
GE 1500	56.6	66.2	80.7	82.8	88.3	92.4	95.2	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
GE 1200	56.6	66.2	80.7	82.8	88.3	92.4	95.2	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
GE 1000	56.6	66.2	80.7	82.8	88.3	92.4	95.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 900	56.6	66.2	80.7	82.8	88.3	92.4	95.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 800	56.6	66.2	80.7	82.8	88.3	92.4	95.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 700	56.6	66.2	80.7	82.8	88.3	92.4	95.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 600	56.6	66.2	80.7	82.8	88.3	92.4	95.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 500	56.6	66.2	80.7	82.8	88.3	92.4	95.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 400	56.6	66.2	80.7	82.8	88.3	92.4	95.9	97.9	99.3	99.3	99.3	99.3	100.0	100.0	100.0	
GE 300	56.6	66.2	80.7	82.8	88.3	92.4	95.9	97.9	99.3	99.3	99.3	99.3	100.0	100.0	100.0	
GE 200	56.6	66.2	80.7	82.8	88.3	92.4	95.9	97.9	99.3	99.3	99.3	99.3	100.0	100.0	100.0	
GE 100	56.6	66.2	80.7	82.8	88.3	92.4	95.9	97.9	99.3	99.3	99.3	99.3	100.0	100.0	100.0	
GE 0	56.6	66.2	80.7	82.8	88.3	92.4	95.9	97.9	99.3	99.3	99.3	99.3	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 145

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	13.1	14.2	16.6	18.1	18.7	19.4	20.3	20.8	21.4	21.5	21.5	21.6	21.6	21.7	22.0	
GE 20000	17.5	18.7	22.0	23.7	24.5	25.2	26.2	26.7	27.5	27.5	27.6	27.7	27.7	27.9	28.4	
GE 18000	18.2	19.5	22.9	24.6	25.4	26.1	27.2	27.7	28.5	28.6	28.6	28.8	28.8	28.9	29.4	
GE 16000	18.4	19.7	23.1	24.8	25.6	26.3	27.3	27.9	28.7	28.7	28.8	28.9	28.9	29.1	29.6	
GE 14000	18.6	19.9	23.3	25.1	25.9	26.6	27.6	28.2	28.9	29.0	29.1	29.2	29.2	29.4	29.9	
GE 12000	19.3	20.6	24.0	25.8	26.5	27.3	28.3	28.9	29.6	29.7	29.8	29.9	29.9	30.0	30.5	
GE 10000	20.6	22.1	25.7	27.5	28.4	29.5	30.5	31.1	31.9	32.0	32.1	32.2	32.2	32.4	32.9	
GE 9000	21.5	23.2	26.8	28.7	29.6	30.7	31.7	32.3	33.1	33.2	33.3	33.5	33.5	33.7	34.2	
GE 8000	23.2	25.1	29.2	31.4	32.3	33.4	34.5	35.1	36.0	36.1	36.3	36.4	36.5	36.7	37.2	
GE 7000	24.2	26.2	30.7	33.0	34.0	35.2	36.3	36.9	37.9	38.0	38.1	38.2	38.4	38.5	39.1	
GE 6000	24.3	26.3	30.9	33.1	34.2	35.3	36.4	37.1	38.0	38.1	38.2	38.4	38.5	38.7	39.2	
GE 5000	25.1	27.3	32.1	34.4	35.5	36.8	37.9	38.6	39.6	39.7	39.8	40.0	40.1	40.3	40.8	
GE 4500	26.1	28.4	33.7	36.2	37.2	38.6	39.8	40.5	41.5	41.6	41.7	41.9	42.0	42.1	42.7	
GE 4000	28.4	30.8	37.2	39.8	40.9	42.4	43.5	44.3	45.4	45.5	45.6	45.8	46.2	46.3	46.8	
GE 3500	33.5	36.1	43.2	46.2	47.4	49.0	50.2	51.0	52.1	52.3	52.4	52.6	53.0	53.1	53.7	
GE 3000	42.1	44.9	53.7	56.9	58.4	60.2	62.0	63.0	64.4	64.6	64.9	65.1	65.4	65.6	66.2	
GE 2500	45.5	48.7	58.1	61.7	63.2	65.1	67.1	68.2	69.8	70.1	70.4	70.6	70.9	71.1	71.7	
GE 2000	49.2	52.9	63.5	67.4	69.1	71.3	73.6	74.8	76.8	77.0	77.4	77.6	77.9	78.1	78.8	
GE 1800	49.5	53.5	64.4	68.5	70.2	72.5	74.8	76.0	78.0	78.4	78.8	79.0	79.3	79.5	80.2	
GE 1500	50.8	55.1	68.0	72.4	74.3	76.9	79.4	80.7	82.9	83.3	83.8	84.0	84.3	84.5	85.2	
GE 1200	52.2	56.7	70.6	75.3	77.2	80.0	82.6	84.1	86.4	86.9	87.4	87.6	88.0	88.1	88.8	
GE 1000	53.0	57.6	72.6	77.6	79.6	82.6	85.4	87.1	89.6	90.1	90.6	90.8	91.2	91.4	92.1	
GE 900	53.2	57.9	73.4	78.4	80.4	83.5	86.4	88.2	90.7	91.2	91.7	92.0	92.4	92.6	93.2	
GE 800	53.2	58.1	73.7	79.0	81.1	84.3	87.2	89.0	91.6	92.2	92.7	93.0	93.6	93.8	94.5	
GE 700	53.2	58.1	73.8	79.4	81.7	84.9	88.0	89.9	92.7	93.3	93.8	94.1	94.8	95.0	95.7	
GE 600	53.3	58.1	73.8	79.6	81.9	85.2	88.3	90.2	93.1	93.7	94.4	94.7	95.5	95.7	96.5	
GE 500	53.3	58.1	73.8	79.6	81.9	85.3	88.6	90.6	93.5	94.2	94.9	95.3	96.1	96.3	97.3	
GE 400	53.3	58.1	73.9	79.7	82.0	85.4	88.7	90.9	93.9	94.7	95.5	95.9	97.1	97.3	98.3	
GE 300	53.3	58.1	73.9	79.7	82.0	85.5	88.8	90.9	94.0	94.8	95.7	96.2	97.3	97.6	98.9	
GE 200	53.3	58.1	73.9	79.7	82.0	85.5	88.8	90.9	94.1	94.8	95.7	96.2	97.5	98.0	99.4	
GE 100	53.3	58.1	73.9	79.7	82.0	85.5	88.8	91.0	94.1	94.9	95.8	96.2	97.5	98.0	99.6	
GE 0	53.3	58.1	73.9	79.7	82.0	85.5	89.0	91.1	94.2	95.0	95.9	96.4	97.7	98.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 3431

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 81
MONTH: APR HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 20000	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 18000	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 16000	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 14000	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 12000	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 10000	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 9000	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 8000	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 7000	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 6000	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 5000	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 4500	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 4000	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 3500	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 3000	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 2500	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 2000	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1800	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1500	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1200	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1000	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 900	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 800	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 700	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY — PERIOD OF RECORD: 78,80-86
MONTH: APR HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	18.3	19.0	25.4	26.8	26.8	28.2	28.9	29.6	30.3	30.3	31.0	31.7	31.7	31.7	32.4	
GE 20000	19.0	19.7	26.1	27.5	27.5	28.9	29.6	30.3	31.7	31.7	32.4	33.1	33.1	33.1	34.5	
GE 18000	19.0	20.4	26.8	28.2	28.2	29.6	30.3	31.0	32.4	32.4	33.1	33.8	33.8	33.8	35.2	
GE 16000	19.0	20.4	26.8	28.2	28.2	29.6	30.3	31.0	32.4	32.4	33.1	33.8	33.8	33.8	35.2	
GE 14000	19.7	21.1	27.5	28.9	28.9	30.3	31.0	31.7	33.1	33.1	33.8	34.5	34.5	34.5	35.9	
GE 12000	19.7	21.1	27.5	28.9	28.9	30.3	31.0	31.7	33.1	33.1	33.8	34.5	34.5	34.5	35.9	
GE 10000	20.4	21.8	28.2	29.6	29.6	31.0	31.7	32.4	33.8	33.8	34.5	35.2	35.2	35.2	36.6	
GE 9000	21.1	22.5	28.9	30.3	30.3	31.7	32.4	33.1	35.2	35.2	35.9	36.6	36.6	36.6	38.0	
GE 8000	23.9	26.1	33.8	35.2	35.2	36.6	37.3	38.0	40.8	40.8	41.5	42.3	42.3	42.3	43.7	
GE 7000	26.1	28.9	36.6	38.7	38.7	40.1	40.8	41.5	44.4	44.4	45.1	45.8	45.8	45.8	47.2	
GE 6000	26.1	28.9	36.6	38.7	38.7	40.1	40.8	41.5	44.4	44.4	45.1	45.8	45.8	45.8	47.2	
GE 5000	27.5	30.3	38.7	40.8	40.8	42.3	43.0	43.7	46.5	46.5	47.2	47.9	47.9	47.9	49.3	
GE 4500	30.3	33.1	42.3	44.4	44.4	45.8	46.5	47.2	50.0	50.0	50.7	51.4	51.4	51.4	52.8	
GE 4000	31.7	34.5	44.4	46.5	46.5	47.9	48.6	49.3	52.1	52.1	52.8	53.5	53.5	53.5	54.9	
GE 3500	33.1	35.9	45.8	49.3	49.3	50.7	51.4	52.1	54.9	54.9	55.6	56.3	56.3	56.3	57.7	
GE 3000	35.9	39.4	52.8	57.0	57.7	59.2	59.9	60.6	63.4	63.4	64.1	64.8	64.8	64.8	66.2	
GE 2500	38.0	42.3	56.3	60.6	61.3	64.1	64.8	65.5	68.3	68.3	69.0	69.7	69.7	69.7	71.1	
GE 2000	42.3	46.5	62.0	66.2	66.9	69.7	70.4	71.1	74.6	74.6	75.4	76.1	76.1	76.1	77.5	
GE 1800	43.0	47.2	63.4	67.6	68.3	71.1	71.8	72.5	76.1	76.1	76.8	77.5	77.5	77.5	78.9	
GE 1500	44.4	49.3	67.6	71.8	72.5	75.4	76.1	76.8	80.3	81.0	81.7	82.4	82.4	82.4	83.8	
GE 1200	45.8	50.7	69.7	73.9	74.6	77.5	78.2	79.6	83.8	84.5	85.2	85.9	85.9	85.9	87.3	
GE 1000	46.5	51.4	70.4	74.6	76.1	78.9	80.3	81.7	86.6	87.3	88.0	88.7	88.7	88.7	90.1	
GE 900	46.5	51.4	70.4	74.6	76.1	78.9	80.3	81.7	86.6	87.3	88.0	88.7	88.7	88.7	90.1	
GE 800	46.5	51.4	71.1	75.4	76.8	79.6	81.0	82.4	88.0	88.7	89.4	90.1	90.1	90.1	91.5	
GE 700	46.5	51.4	71.8	76.8	78.2	81.0	83.1	84.5	90.1	90.8	91.5	92.3	92.3	92.3	93.7	
GE 600	46.5	51.4	71.8	76.8	78.2	81.0	83.1	84.5	90.1	90.8	91.5	92.3	92.3	92.3	93.7	
GE 500	46.5	51.4	71.8	76.8	78.2	81.0	83.1	84.5	90.1	90.8	91.5	92.3	92.3	92.3	93.7	
GE 400	46.5	51.4	71.8	76.8	78.2	81.0	83.8	85.2	90.8	91.5	92.3	93.0	93.0	93.0	94.4	
GE 300	46.5	51.4	71.8	76.8	78.2	81.0	84.5	85.9	91.5	92.3	93.0	93.7	93.7	93.7	95.1	
GE 200	46.5	51.4	71.8	76.8	78.2	81.0	84.5	85.9	91.5	92.3	93.0	93.7	93.7	93.7	97.9	
GE 100	46.5	51.4	71.8	76.8	78.2	81.0	84.5	85.9	91.5	92.3	93.0	93.7	93.7	93.7	99.3	
GE 0	46.5	51.4	71.8	76.8	78.2	81.0	84.5	85.9	91.5	92.3	93.0	93.7	93.7	93.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 142

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		16.2	18.0	22.1	23.6	24.3	24.9	25.9	26.6	27.1	27.3	27.4	27.6	27.8	27.8	29.7
GE 20000		19.7	21.5	26.2	27.8	28.7	29.4	30.5	31.2	31.9	32.0	32.2	32.3	32.6	32.7	35.1
GE 18000		20.0	21.8	26.4	28.1	29.0	29.7	30.8	31.5	32.2	32.3	32.4	32.6	32.9	33.0	35.4
GE 16000		20.0	21.8	26.6	28.3	29.1	29.8	30.9	31.6	32.3	32.4	32.6	32.7	33.0	33.1	35.5
GE 14000		20.0	21.8	26.6	28.3	29.1	29.8	30.9	31.6	32.3	32.4	32.6	32.7	33.0	33.1	35.5
GE 12000		20.4	22.2	27.0	28.7	29.5	30.2	31.5	32.2	32.9	33.0	33.1	33.3	33.6	33.7	36.1
GE 10000		21.7	23.5	28.3	29.9	30.8	31.5	32.7	33.4	34.1	34.4	34.5	34.7	35.0	35.1	37.5
GE 9000		23.9	25.9	30.8	32.4	33.4	34.3	35.5	36.2	37.1	37.3	37.5	37.6	37.9	38.0	40.4
GE 8000		26.7	28.8	34.5	36.5	37.6	38.5	40.4	41.4	43.2	43.5	43.6	43.8	44.3	44.5	46.9
GE 7000		28.0	30.8	36.6	38.7	39.9	40.7	42.8	43.8	45.6	45.9	46.0	46.2	46.7	46.9	49.2
GE 6000		28.3	31.2	37.3	39.4	40.6	41.4	43.5	44.5	46.3	46.6	46.7	46.9	47.4	47.6	49.9
GE 5000		29.0	32.0	38.5	40.6	41.7	42.5	44.6	45.6	47.4	47.7	47.8	48.0	48.5	48.7	51.0
GE 4500		31.3	35.0	41.7	43.8	44.9	45.7	48.0	49.0	50.8	51.0	51.2	51.3	51.9	52.0	54.4
GE 4000		33.6	37.5	44.8	47.1	48.3	49.1	51.3	52.6	54.5	54.8	55.0	55.1	55.7	55.8	58.2
GE 3500		35.4	39.4	47.1	49.7	50.9	51.9	54.1	55.4	57.3	57.6	57.8	57.9	58.5	58.6	61.0
GE 3000		38.3	42.9	51.7	54.4	55.8	56.8	59.0	60.6	62.8	63.1	63.2	63.4	63.9	64.1	66.4
GE 2500		40.1	45.0	54.3	56.9	58.3	59.4	61.8	63.5	66.0	66.4	66.6	66.7	67.3	67.4	69.9
GE 2000		43.9	49.1	59.0	62.1	63.8	65.3	68.1	69.8	72.6	73.0	73.4	73.6	74.1	74.3	76.8
GE 1800		44.8	50.1	60.1	63.2	65.0	66.6	69.4	71.0	73.8	74.3	74.7	74.8	75.4	75.5	78.0
GE 1500		47.0	52.7	64.1	67.4	69.4	71.0	74.0	75.7	78.6	79.0	79.4	79.6	80.1	80.3	82.9
GE 1200		47.6	53.6	65.6	69.2	71.5	73.3	76.5	78.2	82.0	82.5	82.9	83.2	83.8	83.9	86.6
GE 1000		47.8	54.0	67.6	71.5	73.8	75.8	79.3	81.0	84.9	85.5	86.3	86.6	87.1	87.3	90.2
GE 900		48.0	54.1	68.3	72.3	74.8	76.9	80.6	82.2	86.2	86.9	87.7	88.0	88.5	88.7	91.6
GE 800		48.0	54.3	68.7	73.1	75.7	77.9	81.8	83.6	87.6	88.3	89.1	89.4	89.9	90.1	93.0
GE 700		48.0	54.4	69.2	74.4	76.9	79.3	83.2	85.0	89.0	89.7	90.5	91.0	91.6	91.7	94.7
GE 600		48.0	54.4	69.2	74.4	77.2	79.9	83.8	85.6	89.5	90.2	91.0	92.0	92.6	92.7	95.7
GE 500		48.0	54.4	69.2	74.4	77.2	79.9	83.8	85.6	89.5	90.2	91.6	92.2	92.9	93.0	96.2
GE 400		48.0	54.5	69.4	74.5	77.3	80.0	84.1	85.9	89.8	90.5	91.9	92.4	93.1	93.3	96.5
GE 300		48.0	54.5	69.4	74.5	77.3	80.0	84.3	86.2	90.1	90.8	92.2	92.7	93.4	93.6	96.8
GE 200		48.0	54.5	69.4	74.5	77.3	80.0	84.3	86.2	90.1	90.8	92.2	92.7	93.4	93.6	99.2
GE 100		48.0	54.5	69.4	74.5	77.3	80.0	84.3	86.2	90.1	90.8	92.2	92.7	93.4	93.6	100.0
GE 0		48.0	54.5	69.4	74.5	77.3	80.0	84.3	86.2	90.1	90.8	92.2	92.7	93.4	93.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 715

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	20.6	21.6	26.2	26.8	26.8	26.9	27.3	27.9	28.1	28.1	28.1	28.1	28.3	28.4	28.4	
GE 20000	24.3	25.4	31.7	32.5	32.7	32.8	33.3	34.0	34.1	34.1	34.1	34.1	34.3	34.5	34.5	
GE 18000	25.4	26.5	32.8	33.6	33.8	34.0	34.5	35.1	35.2	35.2	35.2	35.2	35.5	35.6	35.6	
GE 16000	25.4	26.5	32.8	33.6	33.8	34.0	34.5	35.1	35.2	35.2	35.2	35.2	35.5	35.6	35.6	
GE 14000	25.7	26.8	33.1	33.8	34.1	34.2	34.7	35.3	35.5	35.5	35.5	35.5	35.7	35.8	35.8	
GE 12000	26.0	27.2	33.6	34.3	34.6	34.7	35.2	35.8	36.0	36.0	36.0	36.0	36.2	36.4	36.4	
GE 10000	27.8	28.9	35.3	36.1	36.4	36.5	37.0	37.7	38.0	38.0	38.0	38.0	38.4	38.5	38.5	
GE 9000	29.3	30.4	36.9	37.7	38.0	38.1	38.6	39.4	39.6	39.6	39.6	39.6	40.0	40.1	40.1	
GE 8000	30.9	32.1	39.6	40.6	41.0	41.5	42.4	43.1	43.4	43.4	43.4	43.4	43.8	43.9	43.9	
GE 7000	31.8	33.2	41.1	42.3	42.8	43.4	44.3	45.0	45.3	45.3	45.3	45.3	45.7	45.8	45.8	
GE 6000	31.8	33.2	41.1	42.3	42.8	43.4	44.3	45.0	45.3	45.3	45.3	45.3	45.7	45.8	45.8	
GE 5000	32.6	34.3	42.3	43.4	43.9	44.5	45.4	46.2	46.4	46.4	46.4	46.4	46.8	46.9	46.9	
GE 4500	34.1	36.0	44.0	45.2	45.7	46.4	47.5	48.3	48.6	48.6	48.6	48.6	48.9	49.1	49.1	
GE 4000	37.5	39.4	47.9	49.4	49.9	50.7	51.8	52.6	52.8	52.8	52.8	52.8	53.2	53.3	53.3	
GE 3500	41.4	43.3	52.5	54.0	54.5	55.2	56.5	57.2	57.5	57.5	57.5	57.5	58.0	58.1	58.1	
GE 3000	50.8	53.1	63.6	65.3	65.8	66.5	67.9	68.8	69.1	69.1	69.1	69.1	69.6	69.7	69.7	
GE 2500	54.6	57.0	67.9	69.7	70.3	71.1	72.6	73.7	74.2	74.3	74.3	74.3	74.8	75.0	75.0	
GE 2000	57.2	60.0	71.4	73.5	74.1	75.0	76.5	77.6	78.2	78.4	78.4	78.4	78.9	79.0	79.0	
GE 1800	57.4	60.4	72.7	74.7	75.3	76.2	77.7	78.9	79.5	79.6	79.6	79.6	80.1	80.3	80.3	
GE 1500	60.0	63.8	76.7	79.0	79.7	80.9	82.9	84.2	84.9	85.0	85.0	85.0	85.5	85.7	85.7	
GE 1200	60.9	64.9	79.4	82.0	82.8	84.4	86.8	88.1	88.8	88.9	88.9	88.9	89.4	89.6	89.6	
GE 1000	61.3	66.0	81.8	84.9	85.9	87.7	90.3	91.6	92.3	92.6	92.6	92.6	93.1	93.2	93.2	
GE 900	61.3	66.0	82.6	85.8	86.9	89.1	91.8	93.1	93.8	94.1	94.1	94.1	94.6	94.7	94.7	
GE 800	61.3	66.0	83.1	86.4	87.5	89.8	92.8	94.1	94.8	95.1	95.1	95.1	95.6	95.7	95.7	
GE 700	61.3	66.0	83.4	86.9	88.1	90.3	93.5	94.7	95.6	95.8	95.8	96.1	96.6	96.7	96.7	
GE 600	61.3	66.0	83.4	86.9	88.1	90.4	93.7	95.0	95.8	96.1	96.9	97.2	97.7	97.9	97.9	
GE 500	61.3	66.0	83.4	86.9	88.1	90.4	93.7	95.1	96.4	96.6	97.4	97.9	98.5	98.7	99.0	
GE 400	61.3	66.0	83.4	86.9	88.1	90.4	93.8	95.2	96.5	96.7	97.5	98.0	98.6	98.9	99.1	
GE 300	61.3	66.0	83.4	86.9	88.1	90.4	93.8	95.2	96.5	96.7	97.5	98.1	98.7	99.1	99.6	
GE 200	61.3	66.0	83.4	86.9	88.1	90.4	93.8	95.2	96.5	96.7	97.5	98.1	98.7	99.2	99.9	
GE 100	61.3	66.0	83.4	86.9	88.1	90.4	93.8	95.2	96.5	96.7	97.5	98.1	98.7	99.2	100.0	
GE 0	61.3	66.0	83.4	86.9	88.1	90.4	93.8	95.2	96.5	96.7	97.5	98.1	98.7	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.1	25.7	27.4	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 20000	29.1	29.9	31.8	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 18000	30.1	30.9	32.8	33.0	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 16000	30.2	31.1	32.9	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 14000	30.6	31.5	33.3	33.6	33.9	33.9	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 12000	30.8	31.6	33.5	33.8	34.0	34.0	34.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 10000	32.9	33.8	35.7	36.5	36.7	36.7	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 9000	33.9	34.9	36.9	37.6	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 8000	36.2	37.3	40.1	41.0	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 7000	37.6	38.9	42.0	43.1	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 6000	37.7	39.0	42.1	43.3	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 5000	39.7	41.0	44.3	45.4	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 4500	41.0	42.3	45.7	46.8	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 4000	45.4	46.8	50.4	51.5	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 3500	54.8	56.7	61.0	62.1	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 3000	68.5	70.6	76.2	77.4	77.9	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 2500	72.1	74.2	80.0	81.3	81.8	82.0	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2000	75.3	77.9	84.5	85.8	86.5	86.8	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1800	75.7	78.3	85.4	86.7	87.4	87.7	87.7	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1500	77.7	80.6	88.8	90.6	91.5	91.9	91.9	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1200	78.0	81.3	91.3	93.5	94.3	94.8	94.8	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1000	78.7	82.3	92.9	95.0	96.0	96.6	96.7	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	78.7	82.3	93.2	95.5	96.5	97.0	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	78.9	82.4	93.5	95.7	96.9	97.4	97.6	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	78.9	82.4	93.8	96.3	97.4	98.0	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	78.9	82.4	93.8	96.3	97.4	98.0	98.4	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	78.9	82.4	93.8	96.3	97.4	98.2	98.6	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	78.9	82.4	93.8	96.3	97.4	98.2	98.6	99.1	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 300	78.9	82.4	93.8	96.3	97.4	98.2	98.6	99.1	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	78.9	82.4	93.8	96.3	97.4	98.2	98.6	99.1	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	78.9	82.4	93.8	96.3	97.4	98.2	98.6	99.1	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 0	78.9	82.4	93.8	96.3	97.4	98.2	98.6	99.1	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 735

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.5	26.2	27.2	27.4	27.4	27.4	27.4	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	
GE 20000	31.8	32.5	33.9	34.0	34.0	34.0	34.0	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	
GE 18000	32.3	33.0	34.4	34.6	34.6	34.6	34.6	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	
GE 16000	32.8	33.5	34.9	35.1	35.1	35.1	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	
GE 14000	33.0	33.7	35.3	35.4	35.4	35.4	35.4	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	
GE 12000	34.9	35.6	37.2	37.7	37.7	37.7	37.7	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	
GE 10000	37.3	38.0	39.6	40.1	40.1	40.1	40.1	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	
GE 9000	38.2	38.9	40.5	41.0	41.0	41.0	41.0	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	
GE 8000	40.3	41.0	42.8	43.6	43.6	43.6	43.6	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	
GE 7000	43.5	44.2	46.2	47.1	47.1	47.3	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	
GE 6000	43.6	44.3	46.4	47.3	47.3	47.5	47.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	
GE 5000	45.7	46.4	48.5	49.4	49.4	49.6	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	
GE 4500	46.8	47.5	49.6	50.4	50.4	50.6	50.6	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	
GE 4000	51.8	53.1	55.5	56.4	56.4	56.5	56.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	
GE 3500	61.8	63.2	66.5	67.4	67.4	67.5	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	
GE 3000	74.5	76.4	80.1	81.0	81.2	81.3	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	
GE 2500	76.6	78.7	83.2	84.1	84.5	84.6	84.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	
GE 2000	80.5	82.7	89.5	90.6	90.9	91.1	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
GE 1800	81.0	83.2	90.1	91.1	91.4	91.8	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
GE 1500	81.8	84.3	91.6	93.5	94.1	94.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
GE 1200	82.0	84.8	93.0	95.1	95.6	96.0	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
GE 1000	82.2	85.5	94.1	96.5	97.2	97.9	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
GE 900	82.4	85.7	94.8	97.2	98.1	98.8	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 800	82.4	85.7	94.9	97.6	98.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 700	82.4	85.7	94.9	97.6	98.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	82.4	85.7	94.9	97.6	98.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	82.4	85.7	94.9	97.6	98.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	82.4	85.7	94.9	97.6	98.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	82.4	85.7	94.9	97.6	98.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	82.4	85.7	94.9	97.6	98.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	82.4	85.7	94.9	97.6	98.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	82.4	85.7	94.9	97.6	98.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 573

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 81-86
MONTH: APR HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.0	32.3	34.7	34.7	34.7	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 20000	35.6	37.0	39.6	39.6	39.6	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 18000	36.3	37.6	40.3	40.3	40.3	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 16000	37.0	38.3	40.9	40.9	40.9	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 14000	37.0	38.3	40.9	40.9	40.9	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 12000	37.3	38.6	41.3	41.3	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 10000	38.0	39.3	42.2	42.2	42.2	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 9000	38.3	39.6	42.6	42.6	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 8000	41.3	42.6	46.5	46.5	46.5	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 7000	46.5	47.9	52.5	52.5	52.5	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 6000	46.5	47.9	52.5	52.5	52.5	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 5000	47.2	48.5	53.1	53.1	53.1	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 4500	50.2	51.5	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 4000	54.1	55.8	60.4	60.4	60.4	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 3500	63.4	65.3	70.0	70.0	70.0	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 3000	76.9	79.2	83.8	83.8	83.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2500	77.6	80.2	85.1	85.1	85.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 2000	79.5	82.5	88.8	89.4	89.4	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1800	80.2	83.2	89.4	90.1	90.1	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1500	80.5	84.5	91.1	92.1	92.1	93.1	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1200	81.8	85.8	93.1	94.7	95.0	96.0	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	82.2	86.1	94.7	96.4	96.7	97.7	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	82.2	86.1	94.7	96.4	96.7	97.7	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	82.2	86.1	94.7	96.4	96.7	97.7	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	82.2	86.1	94.7	96.7	97.0	98.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	82.2	86.1	94.7	97.0	97.4	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	82.2	86.1	94.7	97.0	97.4	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	82.2	86.1	94.7	97.0	97.4	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	82.2	86.1	94.7	97.0	97.4	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	82.2	86.1	94.7	97.0	97.4	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.2	86.1	94.7	97.0	97.4	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	82.2	86.1	94.7	97.0	97.4	98.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 303

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 81-86
MONTH: APR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.1	36.8	39.5	40.4	40.4	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	
GE 20000	39.5	42.1	44.7	45.6	45.6	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	
GE 18000	42.1	44.7	47.4	48.2	48.2	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	
GE 16000	42.1	44.7	47.4	48.2	48.2	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	
GE 14000	42.1	44.7	47.4	48.2	48.2	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	
GE 12000	42.1	44.7	47.4	48.2	48.2	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	
GE 10000	43.0	45.6	48.2	49.1	49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
GE 9000	43.9	46.5	49.1	50.0	50.0	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	
GE 8000	45.6	48.2	51.8	52.6	52.6	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	
GE 7000	54.4	57.0	60.5	61.4	61.4	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	
GE 6000	54.4	57.0	60.5	61.4	61.4	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	
GE 5000	57.0	59.6	63.2	64.0	64.0	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	
GE 4500	57.9	60.5	64.0	64.9	64.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	
GE 4000	61.4	64.0	67.5	68.4	68.4	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	
GE 3500	71.1	73.7	77.2	78.1	78.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	
GE 3000	81.6	86.8	91.2	92.1	92.1	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	
GE 2500	83.3	88.6	93.9	94.7	94.7	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
GE 2000	83.3	88.6	94.7	95.6	95.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
GE 1800	83.3	88.6	94.7	95.6	95.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
GE 1500	83.3	89.5	95.6	97.4	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
GE 1200	83.3	89.5	95.6	97.4	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
GE 1000	83.3	89.5	96.5	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
GE 900	83.3	89.5	96.5	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
GE 800	83.3	89.5	96.5	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
GE 700	83.3	89.5	96.5	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
GE 600	83.3	89.5	96.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	83.3	89.5	96.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	83.3	89.5	96.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	83.3	89.5	96.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	83.3	89.5	96.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	83.3	89.5	96.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	83.3	89.5	96.5	98.2	98.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 114

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	22.8	23.9	27.0	27.6	27.8	28.1	28.4	28.8	29.0	29.0	29.1	29.1	29.3	29.3	29.7	
GE 20000	26.9	28.2	31.9	32.6	32.8	33.2	33.6	34.0	34.2	34.2	34.3	34.3	34.5	34.5	35.1	
GE 18000	27.7	29.0	32.7	33.4	33.7	34.0	34.4	34.8	35.0	35.0	35.1	35.1	35.3	35.3	35.9	
GE 16000	27.9	29.1	32.9	33.6	33.9	34.2	34.6	35.0	35.2	35.2	35.3	35.4	35.5	35.5	36.1	
GE 14000	28.1	29.4	33.1	33.8	34.1	34.5	34.8	35.3	35.5	35.5	35.6	35.7	35.8	35.8	36.4	
GE 12000	28.7	29.9	33.7	34.5	34.8	35.1	35.5	36.0	36.2	36.2	36.3	36.3	36.5	36.5	37.1	
GE 10000	30.3	31.6	35.4	36.3	36.6	36.9	37.4	37.8	38.1	38.1	38.2	38.3	38.4	38.5	39.0	
GE 9000	31.6	32.9	36.8	37.7	38.0	38.4	38.8	39.3	39.6	39.7	39.7	39.8	39.9	40.0	40.5	
GE 8000	33.9	35.3	40.0	41.1	41.5	41.9	42.6	43.1	43.7	43.7	43.8	43.8	44.0	44.1	44.7	
GE 7000	36.1	37.7	42.8	44.0	44.4	44.9	45.6	46.1	46.7	46.7	46.8	46.8	47.1	47.1	47.7	
GE 6000	36.2	37.9	43.0	44.2	44.6	45.1	45.8	46.3	46.9	46.9	47.0	47.1	47.3	47.3	47.9	
GE 5000	37.5	39.3	44.5	45.7	46.2	46.7	47.4	47.9	48.4	48.5	48.6	48.6	48.8	48.9	49.4	
GE 4500	39.2	41	46.6	47.8	48.2	48.7	49.5	50.0	50.6	50.6	50.7	50.8	51.0	51.0	51.6	
GE 4000	42.8	45.0	50.7	52.1	52.5	53.1	53.8	54.4	55.0	55.1	55.1	55.2	55.4	55.4	56.0	
GE 3500	49.1	51.4	57.7	59.2	59.6	60.2	61.0	61.6	62.2	62.2	62.3	62.3	62.6	62.6	63.2	
GE 3000	58.7	61.6	68.9	70.5	71.0	71.7	72.5	73.2	73.8	73.9	74.0	74.0	74.3	74.3	74.9	
GE 2500	61.3	64.3	72.1	73.8	74.4	75.1	76.1	76.9	77.7	77.8	77.8	77.9	78.1	78.2	78.8	
GE 2000	64.4	67.8	76.6	78.5	79.2	80.1	81.1	81.9	82.9	83.0	83.1	83.2	83.4	83.5	84.1	
GE 1800	64.9	68.3	77.5	79.4	80.2	81.1	82.1	82.9	83.8	84.0	84.1	84.1	84.4	84.4	85.0	
GE 1500	66.7	70.6	80.7	83.0	83.9	84.9	86.1	87.0	88.0	88.1	88.3	88.3	88.6	88.6	89.3	
GE 1200	67.3	71.5	82.7	85.3	86.3	87.4	88.8	89.7	90.9	91.1	91.2	91.3	91.5	91.6	92.2	
GE 1000	67.7	72.2	84.4	87.2	88.4	89.7	91.2	92.2	93.5	93.7	93.9	94.0	94.2	94.3	95.0	
GE 900	67.7	72.3	84.9	87.8	89.1	90.5	92.1	93.0	94.3	94.6	94.8	94.9	95.1	95.2	95.8	
GE 800	67.8	72.3	85.2	88.3	89.6	91.1	92.8	93.8	95.1	95.4	95.6	95.7	95.9	96.0	96.7	
GE 700	67.8	72.4	85.5	88.9	90.2	91.8	93.6	94.6	95.9	96.2	96.4	96.6	96.8	96.9	97.6	
GE 600	67.8	72.4	85.5	88.9	90.3	92.0	93.8	94.8	96.2	96.4	97.0	97.2	97.4	97.5	98.2	
GE 500	67.8	72.4	85.5	88.9	90.3	92.0	93.9	94.9	96.4	96.6	97.2	97.5	97.8	97.9	98.7	
GE 400	67.8	72.4	85.5	89.0	90.4	92.0	94.0	95.0	96.5	96.7	97.3	97.6	97.9	98.0	98.8	
GE 300	67.8	72.4	85.5	89.0	90.4	92.0	94.1	95.1	96.6	96.8	97.4	97.7	98.0	98.1	99.0	
GE 200	67.8	72.4	85.5	89.0	90.4	92.0	94.1	95.1	96.6	96.8	97.4	97.7	98.0	98.2	99.7	
GE 100	67.8	72.4	85.5	89.0	90.4	92.0	94.1	95.1	96.6	96.8	97.4	97.7	98.0	98.2	100.0	
GE 0	67.8	72.4	85.5	89.0	90.4	92.0	94.1	95.1	96.6	96.8	97.4	97.7	98.0	98.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 3349

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80,82-83
MONTH: MAY HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	44.4	50.0	61.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	
GE 20000	44.4	50.0	61.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	
GE 18000	50.0	55.6	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	
GE 16000	50.0	55.6	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	
GE 14000	50.0	55.6	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	
GE 12000	50.0	55.6	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	
GE 10000	50.0	55.6	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	
GE 9000	50.0	55.6	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	
GE 8000	50.0	55.6	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	
GE 7000	50.0	55.6	66.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	
GE 6000	66.7	72.2	83.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
GE 5000	66.7	72.2	83.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
GE 4500	66.7	72.2	83.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
GE 4000	66.7	72.2	83.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
GE 3500	66.7	72.2	83.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
GE 3000	66.7	72.2	83.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
GE 2500	66.7	72.2	83.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
GE 2000	66.7	72.2	88.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
GE 1800	66.7	72.2	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	66.7	72.2	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	66.7	72.2	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	66.7	72.2	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	66.7	72.2	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	66.7	72.2	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	66.7	72.2	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	66.7	72.2	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	66.7	72.2	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	66.7	72.2	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.7	72.2	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.7	72.2	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.7	72.2	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	66.7	72.2	94.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 18

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 78,80-86
MONTH: MAY HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	20.0	20.0	25.2	25.8	25.8	31.6	32.3	32.3	32.9	32.9	32.9	33.5	34.2	34.8	34.8	
GE 20000	23.2	23.2	28.4	29.7	29.7	36.1	36.8	37.4	38.1	38.1	38.1	38.7	39.4	40.0	40.0	
GE 18000	23.2	23.2	28.4	29.7	29.7	36.1	36.8	37.4	38.1	38.1	38.1	38.7	39.4	40.0	40.0	
GE 16000	23.2	23.2	28.4	29.7	29.7	36.1	36.8	37.4	38.1	38.1	38.1	38.7	39.4	40.0	40.0	
GE 14000	23.9	23.9	29.0	30.3	30.3	36.8	37.4	38.1	38.7	38.7	38.7	39.4	40.0	40.6	40.6	
GE 12000	25.2	25.2	30.3	31.6	31.6	38.1	38.7	39.4	40.0	40.0	40.0	40.6	41.3	41.9	41.9	
GE 10000	26.5	26.5	32.9	34.2	34.2	40.6	41.3	41.9	42.6	42.6	42.6	43.2	43.9	44.5	45.2	
GE 9000	27.1	27.1	33.5	34.8	34.8	41.9	42.6	43.2	43.9	43.9	43.9	44.5	45.2	45.8	46.5	
GE 8000	29.7	29.7	36.1	37.4	37.4	44.5	45.2	45.8	47.1	47.1	47.1	47.7	48.4	49.0	49.7	
GE 7000	31.6	31.6	38.1	39.4	39.4	46.5	47.1	47.7	49.0	49.0	49.0	49.7	50.3	51.0	51.6	
GE 6000	32.3	32.3	38.7	40.0	40.0	47.1	47.7	48.4	49.7	49.7	49.7	50.3	51.0	51.6	52.3	
GE 5000	32.9	32.9	40.0	41.3	41.3	48.4	49.0	49.7	51.0	51.0	51.0	51.6	52.3	52.9	53.5	
GE 4500	33.5	34.2	42.6	43.9	43.9	51.0	51.6	52.3	53.5	53.5	53.5	54.2	54.8	55.5	56.1	
GE 4000	34.2	35.5	45.2	46.5	46.5	54.2	56.1	57.4	58.7	58.7	58.7	59.4	60.0	60.6	61.3	
GE 3500	39.4	41.3	51.6	53.5	54.2	61.9	63.9	65.2	66.5	66.5	66.5	67.1	67.7	68.4	69.0	
GE 3000	41.3	43.9	55.5	57.4	58.1	65.8	68.4	70.3	71.6	71.6	71.6	72.3	73.5	74.2	74.8	
GE 2500	41.9	44.5	57.4	59.4	60.0	67.7	70.3	72.3	73.5	73.5	73.5	74.2	75.5	76.1	76.8	
GE 2000	43.2	45.8	60.0	62.6	63.2	71.0	74.2	76.1	77.4	77.4	77.4	78.1	79.4	80.0	80.6	
GE 1800	43.9	47.1	61.9	64.5	65.2	72.9	76.1	78.1	79.4	79.4	79.4	80.0	81.3	81.9	82.6	
GE 1500	45.2	49.0	63.9	67.1	67.7	75.5	78.7	80.6	81.9	81.9	81.9	82.6	83.9	84.5	85.2	
GE 1200	45.8	49.7	67.7	71.6	72.3	80.0	83.2	85.2	87.1	87.1	87.1	87.7	89.0	89.7	90.3	
GE 1000	45.8	49.7	69.0	74.2	74.8	83.2	86.5	88.4	90.3	90.3	90.3	91.0	92.3	92.9	93.5	
GE 900	45.8	49.7	69.0	74.2	74.8	83.2	86.5	88.4	90.3	90.3	90.3	91.0	92.3	92.9	93.5	
GE 800	45.8	49.7	69.0	74.2	74.8	83.2	86.5	88.4	90.3	90.3	90.3	91.0	92.3	92.9	94.8	
GE 700	45.8	49.7	69.0	74.2	74.8	83.2	86.5	89.0	91.0	91.0	91.0	91.6	92.9	93.5	95.5	
GE 600	45.8	49.7	69.0	74.2	74.8	83.2	86.5	89.0	91.0	91.0	91.0	91.6	92.9	93.5	95.5	
GE 500	45.8	49.7	69.0	74.2	74.8	83.2	86.5	89.0	92.3	92.3	92.3	92.9	94.2	94.8	97.4	
GE 400	45.8	49.7	69.0	74.2	74.8	83.2	86.5	89.0	92.9	92.9	92.9	93.5	94.8	95.5	98.7	
GE 300	45.8	49.7	69.0	74.2	74.8	83.2	86.5	89.0	92.9	92.9	92.9	93.5	95.5	96.1	100.0	
GE 200	45.8	49.7	69.0	74.2	74.8	83.2	86.5	89.0	92.9	92.9	92.9	93.5	95.5	96.1	100.0	
GE 100	45.8	49.7	69.0	74.2	74.8	83.2	86.5	89.0	92.9	92.9	92.9	93.5	95.5	96.1	100.0	
GE 0	45.8	49.7	69.0	74.2	74.8	83.2	86.5	89.0	92.9	92.9	92.9	93.5	95.5	96.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 155

BAL CLIMATOLOGY BRANCH
FETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0600-0800

LING / N / ET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
CEIL	22.3	24.4	27.1	28.5	28.7	29.7	30.1	30.5	30.9	30.9	30.9	31.1	31.5	31.9	32.3	
20000	27.0	29.7	32.9	34.6	34.7	35.9	36.3	37.0	37.4	37.4	37.4	37.6	38.0	38.7	39.1	
18000	27.7	30.4	33.6	35.3	35.5	36.6	37.0	37.7	38.1	38.1	38.1	38.3	38.7	39.4	39.8	
16000	27.7	30.4	33.8	35.6	35.7	36.9	37.3	38.0	38.4	38.4	38.4	38.6	39.0	39.7	40.1	
14000	27.8	30.6	34.2	36.0	36.2	37.3	37.7	38.4	38.8	38.8	38.8	39.0	39.4	40.1	40.5	
12000	28.4	31.2	34.9	36.9	37.0	38.1	38.6	39.3	39.7	39.7	39.7	39.8	40.3	41.0	41.4	
10000	29.9	32.8	36.6	38.6	38.7	40.0	40.8	41.5	41.9	41.9	41.9	42.1	42.5	43.2	43.6	
9000	30.9	33.8	38.0	40.3	40.7	42.2	43.4	44.1	44.6	44.6	44.8	45.1	45.5	46.2	46.6	
8000	35.0	37.9	42.1	44.8	45.2	47.0	48.2	48.9	49.6	49.7	49.9	50.1	50.6	51.3	51.7	
7000	36.3	39.3	43.8	46.6	47.0	48.9	50.1	50.8	51.6	51.7	51.8	52.1	52.5	53.2	53.7	
6000	36.4	39.4	43.9	46.8	47.2	49.0	50.3	51.0	51.7	51.8	52.0	52.3	52.7	53.4	53.8	
5000	37.6	40.5	45.3	48.3	48.7	50.6	52.0	52.7	53.4	53.5	53.7	54.0	54.4	55.1	55.5	
4500	38.8	41.8	47.9	50.8	51.4	53.2	54.8	55.5	56.2	56.4	56.5	56.8	57.2	57.9	58.3	
4000	40.0	43.1	50.0	53.0	53.5	55.4	57.3	58.3	59.0	59.2	59.3	59.6	60.0	60.7	61.2	
3500	43.9	47.6	55.1	58.3	59.2	61.2	63.3	64.4	65.1	65.3	65.4	65.7	66.1	66.8	67.4	
3000	46.3	50.6	58.9	63.1	64.1	66.1	68.2	69.4	70.1	70.2	70.3	70.6	71.0	71.8	72.7	
2500	48.0	52.4	62.1	66.7	67.8	69.9	72.5	73.7	74.4	74.6	74.7	75.0	75.4	76.1	77.1	
2000	50.0	54.4	65.1	70.5	71.8	73.9	76.6	77.8	78.5	78.7	78.8	79.1	79.5	80.2	81.2	
1800	50.7	55.6	67.4	72.7	74.0	76.1	78.8	80.1	80.8	80.9	81.1	81.4	81.8	82.5	83.5	
1500	52.8	58.2	71.2	77.0	78.4	80.8	83.6	85.0	85.9	86.0	86.2	86.4	86.9	87.6	88.6	
1200	53.2	58.8	72.7	79.0	80.5	83.1	86.2	87.7	88.7	88.8	89.0	89.3	89.7	90.4	91.4	
1000	53.5	59.2	73.7	80.5	82.1	84.9	88.1	89.8	91.0	91.1	91.2	91.5	91.9	92.7	93.6	
900	53.5	59.3	74.3	81.2	82.8	85.6	88.8	90.5	91.7	91.8	91.9	92.2	92.7	93.4	94.4	
800	53.5	59.5	74.9	81.9	83.5	86.4	89.8	91.5	92.7	92.8	92.9	93.4	93.8	94.5	95.5	
700	53.5	59.5	75.1	82.2	83.6	86.7	90.1	91.9	93.1	93.2	93.4	93.8	94.2	94.9	96.0	
600	53.5	59.5	75.4	82.6	84.3	87.4	90.8	92.7	93.8	93.9	94.1	94.5	94.9	95.8	96.8	
500	53.5	59.5	75.4	82.6	84.3	87.4	91.0	92.9	94.4	94.5	94.6	95.1	95.8	96.5	97.9	
400	53.5	59.5	75.6	82.8	84.6	87.7	91.2	93.2	94.6	94.8	94.9	95.3	96.0	97.0	99.0	
300	53.5	59.5	75.6	82.8	84.6	87.7	91.2	93.2	94.6	94.8	94.9	95.3	96.0	97.0	99.7	
200	53.5	59.5	75.6	82.8	84.6	87.7	91.2	93.2	94.6	94.8	94.9	95.3	96.0	97.0	99.7	
100	53.5	59.5	75.6	82.8	84.6	87.7	91.2	93.2	94.6	94.8	94.9	95.3	96.0	97.0	99.7	
0	53.5	59.5	75.6	82.8	84.6	87.7	91.2	93.2	94.6	94.8	94.9	95.6	96.3	97.3	100.0	

TAL NUMBER OF OBSERVATIONS: 708

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.2	29.5	31.0	31.5	31.5	31.5	31.7	31.8	31.8	31.8	31.8	31.9	31.9	31.9	31.9	
GE 20000	35.8	36.2	37.9	38.8	38.8	38.8	39.1	39.2	39.2	39.2	39.2	39.4	39.4	39.4	39.4	
GE 18000	36.2	36.5	38.3	39.2	39.2	39.2	39.5	39.6	39.6	39.6	39.6	39.7	39.7	39.7	39.7	
GE 16000	36.3	36.7	38.6	39.5	39.5	39.5	39.7	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.0	
GE 14000	37.2	37.6	39.7	40.6	40.6	40.6	40.9	41.0	41.0	41.0	41.0	41.2	41.2	41.2	41.2	
GE 12000	37.8	38.2	40.6	41.5	41.5	41.5	41.8	41.9	41.9	41.9	41.9	42.1	42.1	42.1	42.1	
GE 10000	39.7	40.1	42.6	43.8	43.8	44.0	44.2	44.4	44.5	44.5	44.5	44.6	44.6	44.6	44.6	
GE 9000	41.0	41.7	44.5	46.0	46.0	46.2	46.4	46.5	46.7	46.7	46.7	46.8	46.8	46.8	46.8	
GE 8000	44.1	44.7	48.3	50.1	50.3	50.4	50.6	50.8	50.9	50.9	50.9	51.0	51.0	51.0	51.0	
GE 7000	46.0	46.7	50.6	52.4	52.6	52.7	52.9	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3	
GE 6000	46.8	47.4	51.4	53.2	53.3	53.5	53.7	53.8	54.0	54.0	54.0	54.1	54.1	54.1	54.1	
GE 5000	47.3	47.9	51.9	54.0	54.1	54.2	54.5	54.6	54.7	54.7	54.7	54.9	54.9	54.9	54.9	
GE 4500	48.8	49.6	54.1	56.2	56.3	56.4	56.7	56.8	56.9	56.9	56.9	57.1	57.1	57.1	57.1	
GE 4000	52.4	53.2	57.8	60.0	60.1	60.4	60.6	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0	
GE 3500	57.9	58.8	65.0	67.3	67.4	67.7	67.9	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3	
GE 3000	67.3	68.5	75.3	77.8	78.1	78.5	78.7	78.8	79.0	79.0	79.0	79.1	79.1	79.1	79.1	
GE 2500	70.0	71.3	79.0	81.8	82.1	82.6	82.9	83.3	83.5	83.5	83.5	83.6	83.6	83.6	83.6	
GE 2000	73.7	75.0	83.8	86.7	86.9	87.4	87.8	88.2	88.3	88.3	88.3	88.5	88.5	88.5	88.5	
GE 1800	75.1	76.4	85.8	88.6	88.8	89.4	89.7	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4	
GE 1500	76.2	78.1	89.0	91.8	92.1	92.6	92.9	93.3	93.5	93.5	93.5	93.6	93.6	93.6	93.6	
GE 1200	77.2	79.2	91.0	93.8	94.2	94.7	95.1	95.5	95.6	95.8	95.8	95.9	95.9	95.9	95.9	
GE 1000	77.6	80.1	93.5	96.5	97.1	97.6	97.9	98.5	98.6	98.8	98.8	99.0	99.0	99.0	99.0	
GE 900	77.7	80.3	93.8	97.1	97.7	98.2	98.6	99.1	99.2	99.5	99.5	99.6	99.6	99.6	99.6	
GE 800	77.7	80.3	93.8	97.2	97.8	98.3	98.7	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7	
GE 700	77.7	80.3	93.8	97.3	97.9	98.5	98.8	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	
GE 600	77.7	80.3	93.8	97.3	97.9	98.5	98.8	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	
GE 500	77.7	80.3	93.8	97.3	97.9	98.5	98.8	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	
GE 400	77.7	80.3	93.8	97.3	97.9	98.5	98.8	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	
GE 300	77.7	80.3	93.8	97.3	97.9	98.5	98.8	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	
GE 200	77.7	80.3	93.8	97.3	97.9	98.5	98.8	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	
GE 100	77.7	80.3	93.8	97.3	97.9	98.5	98.8	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	
GE 0	77.7	80.3	93.8	97.3	97.9	98.5	98.8	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 780

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.1	27.5	28.3	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	
GE 20000	34.0	34.5	35.3	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	
GE 18000	34.6	35.0	35.9	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	
GE 16000	34.9	35.3	36.3	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	
GE 14000	35.0	35.5	36.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	
GE 12000	35.9	36.3	37.3	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	
GE 10000	38.6	39.0	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	
GE 9000	39.5	39.9	41.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	
GE 8000	43.2	43.6	45.0	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	
GE 7000	44.9	45.3	47.2	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	
GE 6000	45.4	45.9	47.9	48.1	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	
GE 5000	47.2	47.6	49.7	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	
GE 4500	50.6	51.0	53.1	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	
GE 4000	57.3	57.8	60.0	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	
GE 3500	67.2	67.9	70.8	71.1	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	
GE 3000	80.1	81.1	84.8	85.3	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	
GE 2500	83.2	84.5	88.7	89.5	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	
GE 2000	85.6	87.2	91.9	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	
GE 1800	85.9	87.5	92.6	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	
GE 1500	86.5	88.0	93.4	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
GE 1200	87.7	89.7	96.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
GE 1000	87.9	90.3	98.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 900	87.9	90.3	98.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 800	87.9	90.3	98.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 700	87.9	90.3	98.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	87.9	90.3	98.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	87.9	90.3	98.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	87.9	90.3	98.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	87.9	90.3	98.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	87.9	90.3	98.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	87.9	90.3	98.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	87.9	90.3	98.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 702

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.5	32.6	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	
GE 20000	38.0	38.4	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	
GE 18000	38.9	39.6	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	
GE 16000	38.9	39.6	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	
GE 14000	38.9	39.6	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	
GE 12000	40.0	40.7	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	
GE 10000	42.1	42.8	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	
GE 9000	43.6	44.3	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	
GE 8000	48.3	49.0	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	
GE 7000	49.6	50.4	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	
GE 6000	50.4	51.3	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	
GE 5000	52.9	53.8	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	
GE 4500	58.3	59.2	60.6	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	
GE 4000	63.5	64.6	66.5	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	
GE 3500	72.6	74.2	76.3	77.0	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
GE 3000	82.4	83.9	86.9	87.6	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	
GE 2500	85.9	87.8	91.3	92.0	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
GE 2000	86.7	89.0	92.7	93.5	93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
GE 1800	86.9	89.2	92.8	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 1500	86.9	89.2	93.5	94.6	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
GE 1200	87.4	89.9	95.6	97.0	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
GE 1000	87.6	90.2	96.7	98.4	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 900	87.6	90.2	97.2	99.0	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 800	87.6	90.2	97.4	99.1	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 700	87.6	90.2	97.4	99.1	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 600	87.6	90.2	97.4	99.1	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 500	87.6	90.2	97.4	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	87.6	90.2	97.4	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	87.6	90.2	97.4	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	87.6	90.2	97.4	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	87.6	90.2	97.4	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	87.6	90.2	97.4	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 573

OBAL CLIMATOLOGY BRANCH
AFETAC
R WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 78,80-86
MONTH: MAY HOURS(LST): 1800-2000

ILING IN EET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
CEIL	36.2	36.2	36.2	36.5	36.5	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	
20000	42.6	42.9	43.3	43.6	43.6	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	
18000	43.3	43.6	44.0	44.3	44.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	
16000	43.3	43.6	44.0	44.3	44.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	
14000	43.3	43.6	44.0	44.3	44.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	
12000	44.0	44.3	44.7	45.0	45.0	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	
10000	44.3	44.7	45.4	45.7	45.7	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	
9000	46.1	46.5	47.2	47.5	47.5	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	
8000	50.7	51.4	52.5	52.8	52.8	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.	
7000	54.6	55.7	57.1	57.4	57.4	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	
6000	54.6	55.7	57.1	57.4	57.4	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	
5000	58.5	59.6	61.0	61.3	61.3	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	
4500	61.3	62.8	64.6	65.2	65.2	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	
4000	71.6	73.0	74.8	75.5	75.5	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	
3500	76.2	77.7	79.8	80.5	80.5	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	
3000	84.0	85.8	88.3	89.7	89.7	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	
2500	85.8	87.6	91.1	92.6	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
2000	86.2	87.9	92.2	93.6	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
1800	86.2	88.3	93.3	94.7	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	
1500	86.2	89.0	94.3	95.7	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
1200	86.5	89.7	95.4	96.8	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
1000	86.5	89.7	95.4	96.8	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
900	86.5	89.7	95.4	96.8	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
800	86.5	89.7	96.1	97.5	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
700	86.5	89.7	96.1	97.5	97.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
600	86.5	89.7	96.1	97.5	97.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
500	86.5	89.7	96.1	97.5	97.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
400	86.5	89.7	96.1	97.5	97.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
300	86.5	89.7	96.1	97.5	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
200	86.5	89.7	96.1	97.5	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
100	86.5	89.7	96.1	97.5	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
0	86.5	89.7	96.1	97.5	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TIAL NUMBER OF OBSERVATIONS: 282

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80-86
MONTH: MAY HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	42.9	44.4	44.4	44.4	44.4	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	
GE 20000	44.4	46.0	46.0	46.0	46.0	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	
GE 18000	46.0	47.6	47.6	47.6	47.6	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	
GE 16000	46.0	47.6	47.6	47.6	47.6	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	
GE 14000	46.0	47.6	47.6	47.6	47.6	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	
GE 12000	46.8	48.4	48.4	48.4	48.4	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	
GE 10000	47.6	49.2	49.2	49.2	49.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
GE 9000	51.6	53.2	53.2	53.2	53.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	
GE 8000	61.1	63.5	64.3	66.7	66.7	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	
GE 7000	62.7	65.1	66.7	69.0	69.0	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	
GE 6000	62.7	65.1	66.7	69.0	69.0	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	
GE 5000	64.3	66.7	68.3	70.6	70.6	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	
GE 4500	65.1	67.5	69.0	71.4	71.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	
GE 4000	74.6	77.8	79.4	83.3	83.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	
GE 3500	77.0	80.2	81.7	86.5	86.5	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	
GE 3000	82.5	85.7	88.1	93.7	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
GE 2500	82.5	86.5	88.9	94.4	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
GE 2000	83.3	87.3	89.7	95.2	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
GE 1800	83.3	87.3	89.7	95.2	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
GE 1500	83.3	88.1	92.1	97.6	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 1200	83.3	88.1	92.1	97.6	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 1000	83.3	88.1	92.1	97.6	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 900	83.3	88.1	92.1	97.6	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 800	83.3	88.1	92.1	97.6	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 700	83.3	88.1	92.1	97.6	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 600	83.3	88.1	92.1	97.6	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 500	83.3	88.1	92.1	97.6	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 400	83.3	88.1	92.1	97.6	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 300	83.3	88.1	92.1	97.6	98.4	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	83.3	88.1	92.1	97.6	98.4	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	83.3	88.1	92.1	97.6	98.4	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	83.3	88.1	92.1	97.6	98.4	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 126

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.6	29.3	30.8	31.4	31.4	32.0	32.1	32.2	32.4	32.4	32.4	32.4	32.6	32.7	32.8	
GE 20000	34.3	35.2	37.0	37.7	37.8	38.4	38.6	38.8	38.9	38.9	38.9	39.0	39.1	39.3	39.4	
GE 18000	35.0	35.9	37.7	38.5	38.5	39.1	39.3	39.5	39.6	39.6	39.6	39.7	39.8	40.0	40.1	
GE 16000	35.0	36.0	37.9	38.7	38.7	39.3	39.5	39.7	39.8	39.8	39.8	39.9	40.0	40.2	40.3	
GE 14000	35.3	36.4	38.3	39.1	39.1	39.7	39.9	40.1	40.3	40.3	40.3	40.3	40.5	40.6	40.7	
GE 12000	36.1	37.1	39.1	40.0	40.0	40.6	40.8	41.0	41.1	41.1	41.1	41.2	41.4	41.5	41.6	
GE 10000	37.9	39.0	41.1	42.0	42.0	42.7	43.0	43.2	43.4	43.4	43.4	43.5	43.6	43.8	43.9	
GE 9000	39.2	40.3	42.7	43.7	43.8	44.6	44.9	45.1	45.3	45.3	45.3	45.5	45.6	45.8	45.9	
GE 8000	43.3	44.4	47.1	48.4	48.5	49.3	49.7	49.9	50.1	50.1	50.2	50.3	50.4	50.6	50.7	
GE 7000	45.0	46.3	49.3	50.7	50.8	51.6	52.0	52.2	52.5	52.5	52.5	52.6	52.8	52.9	53.1	
GE 6000	45.6	46.9	49.9	51.3	51.4	52.3	52.6	52.8	53.1	53.1	53.1	53.3	53.4	53.6	53.7	
GE 5000	47.2	48.4	51.6	53.1	53.2	54.0	54.4	54.6	54.9	54.9	54.9	55.1	55.2	55.4	55.5	
GE 4500	49.8	51.1	54.8	56.3	56.4	57.3	57.7	57.9	58.2	58.2	58.2	58.3	58.5	58.6	58.8	
GE 4000	54.4	55.9	59.9	61.5	61.7	62.6	63.2	63.5	63.7	63.7	63.8	63.9	64.0	64.2	64.3	
GE 3500	60.9	62.6	67.4	69.2	69.4	70.4	71.1	71.4	71.7	71.7	71.7	71.8	71.9	72.1	72.3	
GE 3000	68.9	71.0	76.5	78.7	79.0	80.0	80.7	81.1	81.3	81.3	81.4	81.5	81.6	81.8	82.1	
GE 2500	71.3	73.6	80.0	82.3	82.7	83.8	84.6	85.0	85.3	85.3	85.3	85.4	85.6	85.8	86.0	
GE 2000	73.4	75.8	82.9	85.5	85.9	87.0	87.9	88.3	88.5	88.6	88.6	88.7	88.9	89.1	89.3	
GE 1800	74.0	76.6	84.2	86.8	87.2	88.3	89.2	89.7	89.9	89.9	90.0	90.1	90.2	90.4	90.6	
GE 1500	74.9	77.8	86.4	89.1	89.5	90.7	91.6	92.0	92.3	92.3	92.4	92.5	92.6	92.8	93.1	
GE 1200	75.6	78.7	88.4	91.4	91.8	93.0	94.0	94.5	94.9	94.9	94.9	95.1	95.2	95.4	95.6	
GE 1000	75.8	79.2	89.8	93.1	93.6	94.9	95.9	96.5	96.8	96.9	96.9	97.1	97.2	97.4	97.6	
GE 900	75.8	79.3	90.2	93.5	94.0	95.3	96.4	96.9	97.3	97.4	97.4	97.5	97.7	97.8	98.1	
GE 800	75.8	79.3	90.4	93.8	94.3	95.6	96.7	97.2	97.6	97.7	97.7	97.9	98.0	98.2	98.5	
GE 700	75.8	79.3	90.5	93.9	94.4	95.8	96.8	97.5	97.8	97.9	97.9	98.1	98.2	98.4	98.7	
GE 600	75.8	79.3	90.5	94.0	94.6	95.9	97.0	97.7	98.0	98.1	98.1	98.3	98.4	98.6	99.0	
GE 500	75.8	79.3	90.5	94.0	94.6	95.9	97.1	97.8	98.3	98.4	98.4	98.5	98.7	98.9	99.3	
GE 400	75.8	79.3	90.6	94.0	94.6	96.0	97.2	97.8	98.4	98.4	98.5	98.6	98.8	99.1	99.6	
GE 300	75.8	79.3	90.6	94.0	94.6	96.0	97.2	97.9	98.4	98.5	98.5	98.7	99.0	99.2	99.9	
GE 200	75.8	79.3	90.6	94.0	94.6	96.0	97.2	97.9	98.4	98.5	98.6	98.7	99.0	99.2	99.9	
GE 100	75.8	79.3	90.6	94.0	94.6	96.0	97.2	97.9	98.4	98.5	98.6	98.7	99.0	99.2	99.9	
GE 0	75.8	79.3	90.6	94.0	94.6	96.0	97.2	97.9	98.4	98.5	98.6	98.8	99.0	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 3344

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 79
MONTH: JUN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000																
GE 4500																
GE 4000																
GE 3500																
GE 3000																
GE 2500																
GE 2000																
GE 1800																
GE 1500																
GE 1200																
GE 1000																
GE 900																
GE 800																
GE 700																
GE 600																
GE 500																
GE 400																
GE 300																
GE 200																
GE 100																
GE 0																100.0

TOTAL NUMBER OF OBSERVATIONS: 1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80-85
MONTH: JUN HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	17.9	22.2	26.5	28.2	28.2	29.9	29.9	30.8	30.8	30.8	30.8	31.6	33.3	33.3	34.2	
GE 20000	19.7	23.9	30.8	33.3	33.3	35.0	35.0	35.9	35.9	35.9	35.9	36.8	38.5	38.5	39.3	
GE 18000	20.5	24.8	31.6	34.2	34.2	35.9	35.9	36.8	36.8	36.8	36.8	37.6	39.3	39.3	40.2	
GE 16000	20.5	24.8	31.6	34.2	34.2	35.9	35.9	36.8	36.8	36.8	36.8	37.6	39.3	39.3	40.2	
GE 14000	20.5	24.8	32.5	35.0	35.0	36.8	36.8	37.6	37.6	37.6	37.6	38.5	40.2	40.2	41.0	
GE 12000	20.5	24.8	32.5	35.0	35.0	36.8	36.8	37.6	37.6	37.6	37.6	38.5	40.2	40.2	41.0	
GE 10000	22.2	26.5	34.2	36.8	36.8	38.5	38.5	39.3	39.3	39.3	39.3	40.2	41.9	41.9	42.7	
GE 9000	24.8	29.1	36.8	39.3	39.3	41.0	41.0	41.9	41.9	41.9	41.9	42.7	44.4	44.4	45.3	
GE 8000	29.1	33.3	41.9	45.3	45.3	47.0	47.0	47.9	47.9	47.9	47.9	48.7	50.4	50.4	51.3	
GE 7000	29.9	34.2	43.6	47.0	47.0	48.7	48.7	49.6	49.6	49.6	49.6	50.4	52.1	53.0	53.8	
GE 6000	29.9	34.2	43.6	47.0	47.0	48.7	48.7	49.6	49.6	49.6	49.6	50.4	52.1	53.0	53.8	
GE 5000	34.2	38.5	47.9	51.3	51.3	53.0	53.0	53.8	53.8	53.8	53.8	54.7	56.4	57.3	58.1	
GE 4500	35.9	40.2	50.4	53.8	53.8	55.6	55.6	56.4	56.4	56.4	56.4	57.3	59.0	59.8	60.7	
GE 4000	41.9	46.2	58.1	62.4	62.4	64.1	64.1	65.0	65.0	65.0	65.0	65.8	67.5	68.4	69.2	
GE 3500	47.9	52.1	64.1	69.2	69.2	70.9	71.8	72.6	72.6	72.6	72.6	73.5	75.2	76.1	76.9	
GE 3000	54.7	59.8	72.6	78.6	78.6	80.3	82.1	82.9	82.9	82.9	82.9	83.8	85.5	86.3	87.2	
GE 2500	56.4	61.5	74.4	80.3	80.3	82.1	83.8	84.6	84.6	84.6	84.6	85.5	87.2	88.0	88.9	
GE 2000	59.8	65.0	78.6	84.6	84.6	86.3	88.0	88.9	88.9	88.9	88.9	89.7	91.5	92.3	93.2	
GE 1800	59.8	65.0	78.6	84.6	84.6	86.3	88.0	88.9	88.9	88.9	88.9	89.7	91.5	92.3	93.2	
GE 1500	59.8	65.0	79.5	85.5	85.5	88.0	89.7	90.6	90.6	90.6	90.6	91.5	93.2	94.0	94.9	
GE 1200	60.7	65.8	80.3	86.3	86.3	88.9	90.6	91.5	91.5	91.5	91.5	92.3	94.0	94.9	95.7	
GE 1000	60.7	65.8	80.3	86.3	86.3	88.9	90.6	91.5	91.5	91.5	91.5	92.3	94.0	94.9	95.7	
GE 900	60.7	65.8	81.2	87.2	87.2	89.7	91.5	92.3	93.2	93.2	93.2	94.0	95.7	96.6	97.4	
GE 800	60.7	65.8	81.2	87.2	87.2	89.7	91.5	92.3	93.2	93.2	93.2	94.0	95.7	96.6	97.4	
GE 700	60.7	65.8	81.2	87.2	87.2	89.7	91.5	92.3	93.2	93.2	93.2	94.0	95.7	96.6	97.4	
GE 600	60.7	65.8	81.2	87.2	87.2	89.7	91.5	92.3	93.2	93.2	93.2	94.0	95.7	96.6	97.4	
GE 500	60.7	65.8	81.2	87.2	87.2	89.7	91.5	92.3	93.2	93.2	93.2	94.0	95.7	96.6	98.3	
GE 400	60.7	65.8	81.2	87.2	87.2	89.7	91.5	92.3	93.2	93.2	93.2	94.0	95.7	96.6	98.3	
GE 300	60.7	65.8	81.2	87.2	87.2	89.7	91.5	92.3	93.2	93.2	93.2	94.0	95.7	96.6	98.3	
GE 200	60.7	65.8	81.2	87.2	87.2	89.7	91.5	92.3	93.2	93.2	93.2	94.0	95.7	96.6	99.1	
GE 100	60.7	65.8	81.2	87.2	87.2	89.7	91.5	92.3	93.2	93.2	93.2	94.0	95.7	96.6	99.1	
GE 0	60.7	65.8	81.2	87.2	87.2	89.7	91.5	92.3	93.2	93.2	93.2	94.0	95.7	96.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 117

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: JUN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	21.5	24.8	30.7	31.9	32.0	32.6	33.5	34.1	34.2	34.2	34.3	34.5	34.8	34.9	34.9	
GE 20000	24.7	28.6	34.9	36.2	36.4	36.9	38.0	38.5	39.0	39.0	39.1	39.2	39.5	39.8	40.1	
GE 18000	24.7	28.6	34.9	36.2	36.4	36.9	38.0	38.5	39.0	39.0	39.1	39.2	39.5	39.8	40.1	
GE 16000	24.8	28.7	35.1	36.4	36.5	37.1	38.1	38.7	39.1	39.1	39.2	39.4	39.7	40.0	40.3	
GE 14000	25.3	29.1	35.6	37.1	37.2	37.8	38.8	39.4	39.8	39.8	40.0	40.1	40.4	40.7	41.0	
GE 12000	25.4	29.3	35.8	37.2	37.4	38.0	39.0	39.5	40.0	40.0	40.1	40.3	40.5	40.8	41.1	
GE 10000	27.7	31.7	38.4	39.8	40.0	40.5	41.6	42.1	42.6	42.6	42.7	42.9	43.1	43.4	43.7	
GE 9000	29.0	33.2	40.7	42.3	42.4	43.0	44.0	44.6	45.2	45.2	45.3	45.5	45.7	46.2	46.5	
GE 8000	33.5	38.1	46.6	48.6	48.8	49.6	50.8	51.4	52.2	52.2	52.4	52.5	52.8	53.2	53.5	
GE 7000	35.5	40.3	49.9	52.1	52.2	53.1	54.4	55.0	55.8	55.8	56.0	56.1	56.4	56.9	57.1	
GE 6000	36.1	40.8	50.5	52.7	52.8	53.7	55.0	55.6	56.4	56.4	56.6	56.7	57.0	57.4	57.7	
GE 5000	39.2	44.2	54.4	56.6	56.7	57.6	59.0	59.6	60.5	60.5	60.6	60.8	61.0	61.5	61.8	
GE 4500	40.8	45.9	56.6	58.7	59.2	60.0	61.5	62.0	62.9	62.9	63.1	63.2	63.5	63.9	64.2	
GE 4000	43.7	49.1	60.9	63.2	63.6	64.6	66.1	66.7	67.5	67.5	67.7	67.8	68.1	68.5	68.8	
GE 3500	48.2	53.7	65.9	68.5	69.0	70.4	72.0	72.6	73.6	73.6	73.7	73.9	74.2	74.7	75.0	
GE 3000	53.0	58.6	71.3	73.9	74.3	76.0	77.9	78.5	79.8	79.8	79.9	80.1	80.7	81.2	81.5	
GE 2500	54.7	60.3	73.7	76.3	76.8	78.6	80.5	81.1	82.4	82.4	82.5	82.7	83.3	83.8	84.1	
GE 2000	57.6	63.2	77.1	79.8	80.2	82.1	84.1	84.8	86.7	86.9	87.0	87.2	87.7	88.3	88.6	
GE 1800	57.6	63.2	77.1	80.1	80.5	82.7	84.7	85.4	87.3	87.4	87.6	87.7	88.3	88.9	89.2	
GE 1500	59.3	64.9	80.1	83.5	84.0	86.1	88.3	89.2	91.1	91.2	91.3	91.5	92.1	92.6	92.9	
GE 1200	60.2	65.8	81.7	85.6	86.0	88.3	90.9	91.8	93.7	93.8	93.9	94.1	94.7	95.2	95.5	
GE 1000	60.6	66.4	82.4	86.3	86.7	89.2	92.1	92.9	94.8	94.9	95.1	95.2	95.8	96.4	96.7	
GE 900	60.6	66.4	82.5	86.6	87.0	89.5	92.6	93.5	95.5	95.7	95.8	96.0	96.5	97.1	97.4	
GE 800	60.6	66.4	82.7	86.7	87.2	89.6	92.8	93.7	95.7	95.8	96.0	96.1	96.7	97.3	97.5	
GE 700	60.6	66.4	82.8	86.9	87.3	89.8	93.2	94.1	96.1	96.2	96.4	96.5	97.1	97.7	98.0	
GE 600	60.6	66.4	82.8	87.0	87.4	90.0	93.5	94.4	96.4	96.5	96.7	96.8	97.4	98.0	98.3	
GE 500	60.6	66.4	82.8	87.0	87.4	90.0	93.5	94.4	96.4	96.5	96.7	96.8	97.5	98.1	98.7	
GE 400	60.6	66.4	82.8	87.0	87.4	90.0	93.5	94.4	96.4	96.5	96.7	96.8	97.5	98.1	98.7	
GE 300	60.6	66.4	82.8	87.0	87.4	90.0	93.5	94.4	96.5	96.7	96.8	97.0	97.7	98.3	99.1	
GE 200	60.6	66.4	82.8	87.0	87.4	90.0	93.5	94.4	96.5	96.7	96.8	97.0	97.7	98.4	99.4	
GE 100	60.6	66.4	82.8	87.0	87.4	90.0	93.5	94.4	96.5	96.7	96.8	97.0	97.7	98.4	99.7	
GE 0	60.6	66.4	82.8	87.0	87.4	90.0	93.5	94.4	96.5	96.7	96.8	97.0	97.7	98.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 693

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: JUN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.0	28.4	30.3	30.4	30.4	30.8	30.9	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
GE 20000	32.4	34.2	36.7	37.0	37.0	37.4	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	
GE 18000	32.8	34.6	37.2	37.5	37.5	37.9	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	
GE 16000	32.9	34.7	37.4	37.6	37.6	38.0	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	
GE 14000	33.0	34.9	37.5	37.7	37.7	38.1	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	
GE 12000	33.3	35.1	37.9	38.1	38.1	38.5	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	
GE 10000	35.4	37.4	40.9	41.3	41.3	41.7	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	
GE 9000	36.3	38.3	41.8	42.2	42.2	42.6	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	
GE 8000	41.5	43.9	48.0	48.5	48.5	48.9	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	
GE 7000	43.3	45.6	49.9	50.6	50.6	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	
GE 6000	43.5	45.9	50.2	50.9	50.9	51.2	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	
GE 5000	46.9	49.4	54.7	55.3	55.3	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	
GE 4500	49.1	51.6	56.9	57.5	57.5	57.9	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	
GE 4000	55.2	57.8	63.8	64.5	64.5	65.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	
GE 3500	61.3	64.5	72.0	72.9	72.9	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	
GE 3000	71.3	74.7	82.7	83.7	83.7	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	
GE 2500	73.9	77.6	86.2	87.3	87.3	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	
GE 2000	77.3	81.0	90.0	91.5	91.5	92.4	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
GE 1800	77.9	81.5	90.6	92.0	92.0	92.9	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
GE 1500	79.3	83.1	93.2	94.6	94.6	95.5	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
GE 1200	79.7	83.5	94.2	95.9	96.1	97.0	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
GE 1000	79.7	83.6	94.5	96.6	96.7	98.0	98.4	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	
GE 900	79.7	83.6	94.6	96.7	96.9	98.2	98.6	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3	
GE 800	79.7	83.6	94.6	96.7	96.9	98.2	98.6	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3	
GE 700	79.7	83.6	94.6	96.7	96.9	98.4	98.8	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	
GE 600	79.7	83.6	94.6	96.7	96.9	98.4	98.8	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	
GE 500	79.7	83.6	94.6	96.7	96.9	98.6	99.0	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	
GE 400	79.7	83.6	94.6	96.7	96.9	98.7	99.1	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	
GE 300	79.7	83.6	94.6	96.7	96.9	98.7	99.1	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 200	79.7	83.6	94.6	96.7	96.9	98.7	99.1	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 100	79.7	83.6	94.6	96.7	96.9	98.7	99.1	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 0	79.7	83.6	94.6	96.7	96.9	98.7	99.1	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 763

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: JUN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	
GE 20000	32.6	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	
GE 18000	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
GE 16000	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
GE 14000	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	
GE 12000	34.0	34.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	
GE 10000	35.5	35.6	35.9	35.9	35.9	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	
GE 9000	36.6	36.9	37.6	37.6	37.6	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	
GE 8000	41.1	41.5	42.5	42.5	42.5	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	
GE 7000	42.8	43.4	44.6	44.6	44.6	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	
GE 6000	43.1	43.7	44.9	44.9	44.9	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	
GE 5000	47.3	47.9	49.5	49.5	49.5	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	
GE 4500	51.4	52.1	54.1	54.1	54.1	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
GE 4000	60.5	61.2	63.7	63.8	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	
GE 3500	71.9	72.6	75.5	75.7	75.7	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	
GE 3000	83.8	84.9	88.4	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	
GE 2500	85.8	87.0	90.9	91.3	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
GE 2000	88.1	89.6	94.1	94.6	94.6	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	
GE 1800	88.3	89.7	94.2	94.9	94.9	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
GE 1500	89.6	91.0	96.2	97.1	97.1	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
GE 1200	89.6	91.0	96.5	97.4	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 1000	89.9	91.3	96.8	97.7	97.7	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 900	89.9	91.3	97.0	98.0	98.0	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 800	89.9	91.3	97.0	98.0	98.0	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 700	89.9	91.3	97.1	98.1	98.1	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 600	89.9	91.3	97.1	98.4	98.4	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	89.9	91.3	97.1	98.4	98.4	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	89.9	91.3	97.1	98.4	98.4	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	89.9	91.3	97.1	98.4	98.4	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	89.9	91.3	97.1	98.4	98.4	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	89.9	91.3	97.1	98.4	98.4	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	89.9	91.3	97.1	98.4	98.4	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMPER OF OBSERVATIONS: 691

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: JUN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	
GE 20000	33.7	33.7	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	
GE 18000	34.0	34.0	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	
GE 16000	34.2	34.2	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	
GE 14000	35.2	35.2	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	
GE 12000	35.7	35.7	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	
GE 10000	38.4	38.4	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	
GE 9000	39.6	39.6	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	
GE 8000	45.4	45.4	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	
GE 7000	49.7	49.7	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	
GE 6000	50.3	50.3	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	
GE 5000	55.1	55.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	
GE 4500	62.4	62.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	
GE 4000	72.3	72.3	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	
GE 3500	81.0	81.1	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	
GE 3000	87.8	88.3	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
GE 2500	89.5	90.1	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
GE 2000	90.3	91.2	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 1800	90.3	91.2	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 1500	90.5	91.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 1200	90.5	91.5	98.5	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
GE 1000	90.6	91.7	98.8	99.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 900	90.6	91.7	98.8	99.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 800	90.6	91.7	98.8	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 700	90.6	91.7	98.8	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	90.6	91.7	98.8	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	90.6	91.7	98.8	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	90.6	91.7	98.8	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	90.6	91.7	98.8	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	90.6	91.7	98.8	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	90.6	91.7	98.8	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	90.6	91.7	98.8	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 588

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80-85
MONTH: JUN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	
GE 20000	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	
GE 18000	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	
GE 16000	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	
GE 14000	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	
GE 12000	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	
GE 10000	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	
GE 9000	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	
GE 8000	55.2	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	
GE 7000	60.3	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	
GE 6000	61.1	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	
GE 5000	67.4	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	
GE 4500	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
GE 4000	81.2	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	
GE 3500	86.6	87.0	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	
GE 3000	93.7	95.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
GE 2500	95.0	96.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
GE 2000	97.1	98.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1800	97.1	98.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1500	97.1	98.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1200	97.1	98.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 1000	97.1	98.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 900	97.1	98.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 800	97.1	98.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 700	97.1	98.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 600	97.1	98.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 500	97.1	98.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	97.1	98.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	97.1	98.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	97.1	98.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	97.1	98.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	97.1	98.3	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMPER OF OBSERVATIONS: 239

OBAL CLIMATOLOGY BRANCH
AFETAC
R WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80-85
MONTH: JUN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
D CEIL	35.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
E 20000	40.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
E 18000	40.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
E 16000	40.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
E 14000	40.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
E 12000	40.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
E 10000	41.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
E 9000	42.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
E 8000	48.5	53.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
E 7000	54.5	59.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
E 6000	56.6	61.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
E 5000	57.6	62.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
E 4500	65.7	70.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
E 4000	76.8	81.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
E 3500	81.8	86.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
E 3000	88.9	94.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
E 2500	90.9	97.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
E 2000	91.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E 1800	91.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E 1500	91.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E 1200	91.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E 1000	91.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E 900	91.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E 800	91.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E 700	91.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E 600	91.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E 500	91.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E 400	91.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E 300	91.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E 200	91.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E 100	91.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E 0	91.9	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OTAL NUMBER OF OBSERVATIONS: 99

OBAL CLIMATOLOGY BRANCH
SAFETAC
R WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: JUN HOURS(LST): ALL

EILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
0 CEIL		26.0	27.3	29.2	29.6	29.6	29.9	30.1	30.3	30.3	30.3	30.3	30.4	30.5	30.6	30.6
E 20000		31.5	33.1	35.5	35.9	35.9	36.2	36.5	36.7	36.8	36.8	36.8	36.9	37.0	37.0	37.1
E 18000		31.8	33.4	35.8	36.3	36.3	36.6	36.8	37.0	37.1	37.1	37.1	37.2	37.3	37.4	37.5
E 16000		31.9	33.5	35.9	36.4	36.4	36.7	36.9	37.1	37.2	37.2	37.2	37.3	37.4	37.5	37.6
E 14000		32.4	34.0	36.5	36.9	37.0	37.3	37.5	37.7	37.8	37.8	37.8	37.9	38.0	38.1	38.2
E 12000		32.7	34.3	36.8	37.3	37.3	37.6	37.9	38.0	38.1	38.1	38.2	38.2	38.4	38.4	38.5
E 10000		34.8	36.5	39.3	39.8	39.8	40.1	40.4	40.6	40.7	40.7	40.7	40.8	40.9	41.0	41.1
E 9000		36.0	37.7	40.8	41.3	41.4	41.7	42.0	42.1	42.3	42.3	42.3	42.4	42.5	42.6	42.7
E 8000		41.2	43.2	46.9	47.5	47.6	47.9	48.3	48.4	48.6	48.6	48.7	48.7	48.9	49.0	49.0
E 7000		43.8	45.8	50.0	50.7	50.8	51.1	51.5	51.7	51.9	51.9	51.9	52.0	52.1	52.2	52.3
E 6000		44.3	46.3	50.5	51.2	51.3	51.6	52.0	52.2	52.4	52.4	52.4	52.5	52.6	52.7	52.8
E 5000		48.2	50.3	54.9	55.7	55.8	56.1	56.5	56.7	56.9	56.9	56.9	57.0	57.1	57.2	57.3
E 4500		52.2	54.4	59.3	60.0	60.1	60.5	60.9	61.1	61.3	61.3	61.3	61.4	61.5	61.6	61.7
E 4000		59.1	61.4	66.9	67.8	67.9	68.3	68.7	68.9	69.1	69.1	69.1	69.2	69.3	69.4	69.5
E 3500		66.4	68.9	75.1	76.1	76.2	76.7	77.2	77.4	77.6	77.6	77.6	77.7	77.8	78.0	78.1
E 3000		74.6	77.5	84.2	85.4	85.5	86.1	86.6	86.8	87.1	87.1	87.2	87.2	87.4	87.6	87.7
E 2500		76.6	79.6	86.9	88.1	88.2	88.8	89.4	89.6	89.8	89.8	89.9	89.9	90.1	90.3	90.4
E 2000		79.0	82.1	90.0	91.3	91.4	92.3	92.9	93.2	93.6	93.7	93.7	93.8	94.0	94.1	94.2
E 1800		79.2	82.2	90.1	91.6	91.7	92.6	93.3	93.5	94.0	94.0	94.0	94.1	94.3	94.4	94.5
E 1500		80.2	83.3	92.1	93.7	93.8	94.7	95.5	95.7	96.2	96.2	96.2	96.3	96.5	96.6	96.7
E 1200		80.5	83.6	92.8	94.6	94.7	95.7	96.5	96.8	97.2	97.3	97.3	97.4	97.6	97.7	97.8
E 1000		80.7	83.9	93.2	95.0	95.1	96.3	97.2	97.6	98.0	98.1	98.1	98.2	98.4	98.5	98.6
E 900		80.7	83.9	93.3	95.2	95.3	96.5	97.5	97.8	98.4	98.4	98.4	98.5	98.7	98.9	99.0
E 800		80.7	83.9	93.3	95.3	95.4	96.5	97.6	97.9	98.5	98.5	98.5	98.6	98.8	99.0	99.1
E 700		80.7	83.9	93.4	95.3	95.5	96.6	97.7	98.1	98.7	98.7	98.7	98.8	99.0	99.2	99.2
E 600		80.7	83.9	93.4	95.4	95.5	96.8	97.9	98.2	98.8	98.8	98.8	98.9	99.1	99.3	99.4
E 500		80.7	83.9	93.4	95.4	95.5	96.8	97.9	98.3	98.8	98.9	98.9	99.0	99.2	99.4	99.6
E 400		80.7	83.9	93.4	95.4	95.5	96.8	98.0	98.3	98.9	98.9	98.9	99.0	99.2	99.4	99.6
E 300		80.7	83.9	93.4	95.4	95.5	96.8	98.0	98.3	98.9	99.0	99.0	99.1	99.3	99.5	99.7
E 200		80.7	83.9	93.4	95.4	95.5	96.8	98.0	98.3	98.9	99.0	99.0	99.1	99.3	99.5	99.8
E 100		80.7	83.9	93.4	95.4	95.5	96.8	98.0	98.3	98.9	99.0	99.0	99.1	99.3	99.5	99.9
E 0		80.7	83.9	93.4	95.4	95.5	96.8	98.0	98.3	98.9	99.0	99.0	99.1	99.3	99.5	100.0

OTAL NUMBER OF OBSERVATIONS: 5191

LOBAL CLIMATOLOGY BRANCH
SAFETAC
IR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80-85
MONTH: JUL HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
0 CEIL	20.7	24.0	26.4	28.1	28.1	29.8	29.8	31.4	32.2	33.9	33.9	33.9	33.9	34.7	35.5	
E 20000	24.0	27.3	30.6	32.2	32.2	34.7	34.7	36.4	37.2	38.8	38.8	38.8	38.8	39.7	40.5	
E 18000	24.8	28.1	31.4	33.1	33.1	35.5	35.5	37.2	38.0	39.7	39.7	39.7	39.7	40.5	41.3	
E 16000	24.8	28.1	31.4	33.1	33.1	35.5	35.5	37.2	38.0	39.7	39.7	39.7	39.7	40.5	41.3	
E 14000	24.8	28.1	31.4	33.1	33.1	35.5	35.5	37.2	38.0	39.7	39.7	39.7	39.7	40.5	41.3	
E 12000	24.8	28.1	31.4	33.1	33.1	35.5	35.5	37.2	38.0	39.7	39.7	39.7	39.7	40.5	41.3	
E 10000	26.4	29.8	33.9	36.4	36.4	38.8	38.8	40.5	41.3	43.0	43.0	43.0	43.0	43.8	44.6	
E 9000	28.9	32.2	36.4	38.8	38.8	41.3	41.3	43.0	43.8	45.5	45.5	45.5	45.5	46.3	47.1	
E 8000	30.6	34.7	38.8	41.3	41.3	43.8	44.6	46.3	47.1	48.8	48.8	48.8	48.8	49.6	50.4	
E 7000	34.7	38.8	43.0	46.3	46.3	48.8	49.6	51.2	52.1	53.7	53.7	53.7	53.7	54.5	55.4	
E 6000	34.7	38.8	43.0	46.3	46.3	48.8	49.6	51.2	52.1	53.7	53.7	53.7	53.7	54.5	55.4	
E 5000	36.4	40.5	45.5	48.8	48.8	51.2	52.1	53.7	54.5	56.2	56.2	56.2	56.2	57.0	57.9	
E 4500	37.2	41.3	46.3	49.6	49.6	52.1	52.9	54.5	55.4	57.0	57.0	57.0	57.0	57.9	58.7	
E 4000	39.7	45.5	52.1	55.4	55.4	58.7	59.5	61.2	62.0	63.6	63.6	63.6	63.6	64.5	65.3	
E 3500	46.3	52.9	60.3	63.6	63.6	67.8	68.6	70.2	71.1	72.7	72.7	72.7	72.7	73.6	74.4	
E 3000	48.8	56.2	66.1	70.2	70.2	74.4	75.2	76.9	77.7	79.3	79.3	79.3	79.3	80.2	81.0	
E 2500	51.2	60.3	71.1	75.2	75.2	79.3	80.2	81.8	82.6	84.3	84.3	84.3	84.3	85.1	86.0	
E 2000	51.2	61.2	72.7	76.9	76.9	81.0	81.8	83.5	84.3	86.0	86.0	86.0	86.0	86.8	87.6	
E 1800	51.2	61.2	72.7	77.7	77.7	81.8	82.6	84.3	85.1	86.8	86.8	86.8	86.8	87.6	88.4	
E 1500	52.9	62.8	74.4	79.3	79.3	83.5	84.3	86.0	86.8	88.4	88.4	88.4	88.4	89.3	90.1	
E 1200	52.9	63.6	75.2	80.2	80.2	84.3	85.1	86.8	87.6	89.3	89.3	89.3	89.3	90.1	90.9	
E 1000	54.5	65.3	76.9	81.8	81.8	86.0	86.8	88.4	89.3	90.9	90.9	90.9	90.9	91.7	92.6	
E 900	55.4	66.1	77.7	82.6	82.6	86.8	87.6	89.3	90.1	91.7	91.7	91.7	91.7	92.6	94.2	
E 800	55.4	66.1	78.5	83.5	83.5	87.6	88.4	90.1	90.9	92.6	92.6	92.6	92.6	93.4	95.0	
E 700	55.4	66.1	78.5	83.5	83.5	87.6	89.3	90.9	91.7	93.4	93.4	93.4	93.4	94.2	95.9	
E 600	55.4	66.1	78.5	83.5	83.5	87.6	89.3	90.9	92.6	94.2	94.2	94.2	94.2	95.0	96.7	
E 500	55.4	66.1	78.5	83.5	83.5	87.6	89.3	90.9	92.6	94.2	94.2	94.2	94.2	95.0	96.7	
E 400	55.4	66.1	78.5	83.5	83.5	87.6	89.3	90.9	92.6	94.2	94.2	94.2	94.2	95.0	96.7	
E 300	55.4	66.1	78.5	83.5	83.5	87.6	90.1	91.7	93.4	95.0	95.0	95.0	95.0	95.9	97.5	
E 200	55.4	66.1	78.5	83.5	83.5	87.6	90.1	91.7	93.4	95.0	95.0	95.0	95.0	95.9	97.5	
E 100	55.4	66.1	78.5	83.5	83.5	87.6	90.1	91.7	93.4	95.0	95.0	95.0	95.0	95.9	98.3	
E 0	55.4	66.1	78.5	83.5	83.5	87.6	90.1	91.7	93.4	95.0	95.0	95.0	95.0	97.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 121

CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
AC — FROM HOURLY OBSERVATIONS
ATHER SERVICE/MAC

N NUMBER: 105445 STATION NAME: FULDA AAF GERMANY — PERIOD OF RECORD: 76-85
MONTH: JUL HOURS(LST): 0600-0800

G	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
L	19.3	21.6	24.7	26.8	26.8	27.3	28.1	28.8	29.5	29.9	29.9	30.1	30.2	30.2	30.6	
)00	22.2	25.0	29.2	31.2	31.2	31.9	33.1	34.1	34.8	35.3	35.4	35.7	36.0	36.3	37.4	
)00	22.3	25.2	29.4	31.4	31.4	32.1	33.2	34.2	35.0	35.4	35.5	35.8	36.1	36.4	37.6	
)00	22.3	25.2	29.4	31.5	31.5	32.2	33.4	34.4	35.1	35.5	35.7	36.0	36.3	36.5	37.7	
)00	22.6	25.5	29.8	31.9	31.9	32.7	33.8	34.8	35.5	36.0	36.1	36.4	36.7	37.0	38.3	
)00	23.6	26.6	31.1	33.7	33.7	34.4	35.8	36.8	37.6	38.0	38.1	38.4	38.7	39.0	40.4	
)00	25.5	29.1	33.8	36.5	36.5	37.3	38.7	39.7	40.4	40.9	41.0	41.3	41.6	41.9	43.5	
)00	26.9	30.6	35.8	38.6	38.6	39.3	40.7	41.9	42.6	43.0	43.2	43.5	43.7	44.0	45.6	
)00	27.8	31.8	37.7	40.6	40.7	41.4	43.0	44.5	45.2	45.6	45.8	46.0	46.3	46.6	48.2	
200	30.4	34.5	40.7	44.0	44.2	45.0	47.1	48.5	49.2	49.6	49.8	50.1	50.4	50.6	52.2	
300	31.1	35.3	41.6	44.9	45.0	45.9	47.9	49.4	50.1	50.5	50.6	50.9	51.2	51.5	53.1	
000	33.4	38.1	44.7	48.2	48.3	49.2	51.2	52.7	53.7	54.2	54.4	54.7	55.0	55.3	56.8	
500	35.5	40.3	47.6	51.1	51.2	52.1	54.1	55.5	56.5	57.3	57.4	57.7	58.0	58.3	59.9	
000	41.2	45.9	53.8	57.7	57.8	59.0	61.2	62.6	63.6	64.3	64.5	64.7	65.0	65.3	66.9	
500	44.0	49.1	58.0	62.0	62.2	63.6	65.8	67.2	68.2	68.9	69.2	69.5	69.8	70.1	71.7	
000	48.1	54.5	65.8	70.4	70.5	71.9	74.1	75.5	76.5	77.3	77.6	77.8	78.1	78.4	80.0	
500	50.1	56.5	68.3	72.9	73.1	74.5	77.1	78.6	79.6	80.3	80.6	80.9	81.2	81.4	83.0	
000	52.4	60.0	72.2	77.1	77.3	78.7	81.3	82.7	83.7	84.5	84.7	85.0	85.5	85.8	87.3	
800	52.5	60.3	72.5	77.4	77.6	79.0	81.6	83.0	84.0	84.7	85.0	85.3	85.8	86.0	87.6	
500	55.0	63.0	75.5	80.9	81.0	82.6	85.3	86.8	87.8	88.5	88.8	89.1	89.5	89.8	91.4	
200	55.5	63.9	76.7	82.0	82.2	83.7	86.5	87.9	88.9	89.6	89.9	90.2	90.6	91.1	92.7	
000	56.3	64.9	78.1	83.9	84.0	85.8	88.5	89.9	90.9	91.7	91.9	92.2	92.7	93.2	94.8	
900	56.7	65.5	78.8	84.6	84.7	86.5	89.2	90.6	91.9	92.7	92.9	93.2	93.7	94.2	95.8	
800	56.7	65.5	78.8	84.6	84.7	86.5	89.2	90.6	91.9	92.7	92.9	93.2	93.7	94.2	95.8	
700	56.7	65.5	79.0	84.7	84.9	86.6	89.5	90.9	92.2	92.9	93.2	93.5	94.0	94.5	96.1	
600	56.7	65.5	79.0	84.9	85.0	86.8	90.1	91.5	92.9	93.7	94.0	94.2	94.8	95.4	97.0	
500	56.7	65.5	79.0	85.0	85.2	86.9	90.2	91.7	93.1	93.8	94.1	94.4	95.0	95.5	97.1	
400	56.7	65.5	79.0	85.0	85.2	87.2	90.5	91.9	93.7	94.4	94.7	95.0	95.7	96.3	98.1	
300	56.7	65.5	79.0	85.0	85.2	87.2	90.5	91.9	93.7	94.4	94.7	95.0	95.8	96.4	98.8	
200	56.7	65.5	79.0	85.0	85.2	87.2	90.5	91.9	93.7	94.4	94.8	95.1	96.0	96.5	99.4	
100	56.7	65.5	79.0	85.0	85.2	87.2	90.5	91.9	93.7	94.4	94.8	95.1	96.0	96.7	99.7	
01	56.7	65.5	79.0	85.0	85.2	87.2	90.5	91.9	93.7	94.4	94.8	95.1	96.0	96.7	100.0	

NUMBER OF OBSERVATIONS: 695

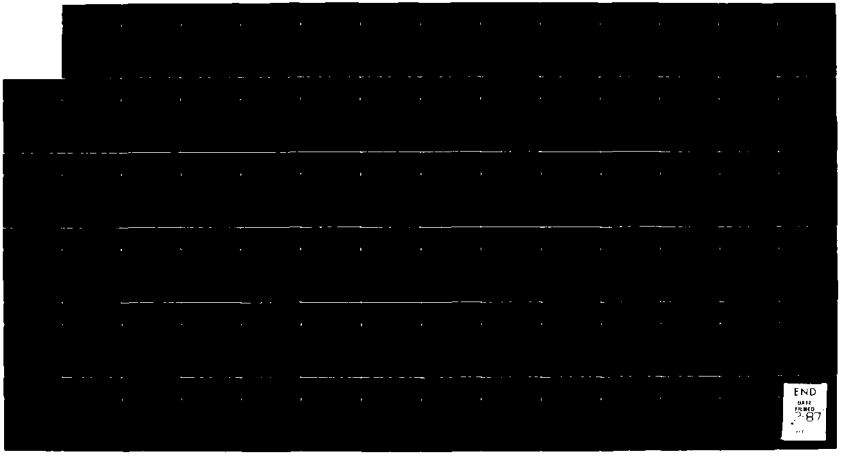
AL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ETAC — FROM HOURLY OBSERVATIONS
WEATHER SERVICE/MAC

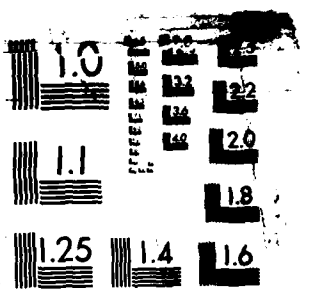
ION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY — PERIOD OF RECORD: 76-85
MONTH: JUL HOURS(LST): 0900-1100

ING	VISIBILITY IN STATUTE MILES															
T	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
EIL	25.5	26.3	31.9	32.0	32.0	32.0	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	
20000	29.3	30.3	36.4	36.7	36.7	36.7	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	
18000	29.5	30.6	36.9	37.2	37.2	37.2	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	
16000	29.5	30.6	36.9	37.2	37.2	37.2	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	
14000	30.4	31.5	37.8	38.1	38.1	38.1	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	
12000	32.0	33.0	39.6	40.2	40.2	40.2	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	
10000	34.6	35.6	42.9	43.3	43.3	43.3	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	
9000	36.7	37.7	45.3	45.7	45.7	45.7	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	
8000	38.5	39.5	48.3	48.7	48.7	48.7	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	
7000	40.2	41.2	50.8	51.2	51.2	51.2	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	
6000	41.1	42.1	51.8	52.2	52.2	52.2	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	
5000	44.4	46.0	56.2	56.6	56.6	56.6	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	
4500	46.9	48.6	58.9	59.5	59.5	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	
4000	52.7	54.7	65.5	66.3	66.3	66.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	
3500	59.6	61.8	73.3	74.1	74.1	74.1	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	
3000	69.3	71.9	85.0	85.9	85.9	85.9	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	
2500	71.2	74.0	87.4	88.5	88.5	88.5	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	
2000	73.2	76.2	89.8	90.9	90.9	90.9	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	
1800	73.8	76.8	90.4	91.6	91.6	91.6	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	
1500	74.9	78.0	91.8	93.4	93.4	93.4	93.8	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
1200	75.5	78.9	92.9	94.4	94.4	94.4	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
1000	76.2	79.9	94.7	96.5	96.6	96.6	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
900	76.3	80.1	95.1	96.9	97.0	97.0	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
800	76.4	80.2	95.5	97.3	97.5	97.5	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
700	76.6	80.3	96.1	97.9	98.2	98.2	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
600	76.6	80.3	96.2	98.1	98.3	98.3	98.8	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
500	76.6	80.3	96.2	98.1	98.3	98.3	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
400	76.6	80.3	96.2	98.1	98.3	98.4	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
300	76.6	80.3	96.2	98.1	98.3	98.4	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
200	76.6	80.3	96.2	98.1	98.3	98.4	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
100	76.6	80.3	96.2	98.1	98.3	98.4	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
0	76.6	80.3	96.2	98.1	98.3	98.4	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

AL NUMBER OF OBSERVATIONS: 772

AD-A175 366 FULDA AAF GERMANY LIMITED SURFACE OBSERVATIONS CLIMATIC 3/3
SUMMARY (LISOCS) (U) AIR FORCE ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER SCOTT AFB IL NOV 86
UNCLASSIFIED USAFETAC/DS-86/065 F/G 4/2 NL





GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: JUL HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.0	32.2	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 20000	39.9	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 18000	40.0	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 16000	40.2	40.5	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 14000	40.5	40.9	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 12000	41.6	41.9	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 10000	44.0	44.5	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 9000	45.8	46.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 8000	50.4	51.3	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 7000	53.5	54.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 6000	53.8	54.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 5000	57.2	58.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 4500	61.8	63.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 4000	72.7	74.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 3500	81.3	82.6	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3000	88.4	89.8	92.5	92.5	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2500	88.9	90.6	94.0	94.0	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2000	91.0	93.0	97.1	97.1	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	91.0	93.0	97.1	97.1	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	91.8	93.9	98.1	98.1	98.3	98.3	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	92.5	94.5	98.8	98.8	99.0	99.0	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	92.5	94.5	99.1	99.1	99.3	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	92.5	94.5	99.1	99.1	99.3	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	92.5	94.5	99.1	99.1	99.3	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	92.5	94.5	99.1	99.1	99.3	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	92.5	94.5	99.1	99.1	99.3	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	92.5	94.5	99.1	99.1	99.3	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	92.5	94.5	99.1	99.1	99.3	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	92.5	94.5	99.1	99.1	99.3	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	92.5	94.5	99.1	99.1	99.3	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	92.5	94.5	99.1	99.1	99.3	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	92.5	94.5	99.1	99.1	99.3	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 587

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 78,80-85
MONTH: JUL HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	41.2	41.6	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 20000	49.4	49.8	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 18000	49.4	49.8	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 16000	50.2	50.6	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 14000	50.9	51.3	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 12000	51.7	52.1	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 10000	51.7	52.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 9000	52.1	52.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 8000	55.8	56.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 7000	60.3	61.0	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 6000	61.4	62.2	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 5000	66.0	66.8	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4500	67.8	68.5	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 4000	77.9	78.7	84.3	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 3500	83.5	84.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 3000	88.4	89.1	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2500	89.1	90.3	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	90.3	91.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	90.3	91.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	90.3	91.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	90.3	91.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	90.3	91.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	90.3	91.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	90.3	91.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	90.3	91.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	90.3	91.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	90.3	91.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	90.3	91.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.3	91.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.3	91.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.3	91.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	90.3	91.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 267

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 80-85
MONTH: JUL HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	48.7	49.6	54.8	55.7	55.7	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	
GE 20000	53.9	54.8	60.9	61.7	61.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 18000	53.9	54.8	60.9	61.7	61.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 16000	53.9	54.8	60.9	61.7	61.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 14000	53.9	54.8	60.9	61.7	61.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 12000	53.9	54.8	60.9	61.7	61.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 10000	53.9	54.8	60.9	61.7	61.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 9000	53.9	54.8	60.9	61.7	61.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 8000	55.7	56.5	63.5	64.3	64.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 7000	59.1	60.0	67.8	68.7	68.7	69.6	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 6000	60.0	60.9	68.7	69.6	69.6	70.4	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 5000	60.9	61.7	69.6	70.4	70.4	71.3	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4500	62.6	63.5	71.3	72.2	72.2	73.0	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4000	67.0	68.7	76.5	77.4	77.4	78.3	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 3500	71.3	73.0	81.7	82.6	82.6	83.5	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3000	82.6	85.2	96.5	97.4	97.4	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2500	82.6	85.2	96.5	97.4	97.4	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000	82.6	86.1	97.4	98.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	82.6	86.1	97.4	98.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	82.6	86.1	97.4	98.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	82.6	86.1	97.4	98.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	82.6	86.1	97.4	98.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	82.6	86.1	97.4	98.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	82.6	86.1	97.4	98.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	82.6	86.1	97.4	98.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	82.6	86.1	97.4	98.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	82.6	86.1	97.4	98.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	82.6	86.1	97.4	98.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	82.6	86.1	97.4	98.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	82.6	86.1	97.4	98.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.6	86.1	97.4	98.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	82.6	86.1	97.4	98.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 115

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: JUL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.8	28.9	31.6	32.2	32.2	32.4	32.6	32.8	33.0	33.2	33.2	33.2	33.2	33.3	33.4	
GE 20000	33.2	34.5	37.6	38.2	38.2	38.5	38.8	39.1	39.3	39.4	39.5	39.5	39.6	39.7	40.0	
GE 18000	33.4	34.7	38.0	38.5	38.5	38.8	39.1	39.4	39.6	39.8	39.8	39.9	39.9	40.0	40.3	
GE 16000	33.5	34.9	38.1	38.7	38.7	39.0	39.3	39.6	39.8	40.0	40.0	40.0	40.1	40.2	40.5	
GE 14000	34.0	35.4	38.7	39.3	39.3	39.6	39.9	40.2	40.4	40.5	40.6	40.6	40.7	40.8	41.1	
GE 12000	35.0	36.4	39.9	40.7	40.7	40.9	41.3	41.6	41.8	41.9	42.0	42.0	42.1	42.2	42.5	
GE 10000	36.9	38.4	42.2	43.0	43.0	43.3	43.7	44.0	44.2	44.3	44.3	44.4	44.5	44.6	44.9	
GE 9000	38.7	40.3	44.4	45.2	45.2	45.4	45.8	46.1	46.3	46.5	46.5	46.6	46.6	46.7	47.1	
GE 8000	41.2	43.1	47.9	48.8	48.8	49.1	49.5	49.9	50.1	50.3	50.3	50.4	50.4	50.5	50.9	
GE 7000	43.9	45.9	51.2	52.2	52.2	52.5	53.1	53.5	53.7	53.8	53.9	53.9	54.0	54.1	54.4	
GE 6000	44.5	46.5	51.8	52.8	52.9	53.2	53.7	54.1	54.3	54.5	54.5	54.6	54.6	54.7	55.1	
GE 5000	47.8	50.0	55.6	56.6	56.7	57.0	57.5	57.9	58.2	58.4	58.4	58.5	58.5	58.6	59.0	
GE 4500	50.9	53.2	59.1	60.1	60.2	60.5	61.0	61.4	61.7	61.9	61.9	62.0	62.0	62.1	62.5	
GE 4000	58.2	60.8	67.3	68.5	68.5	69.0	69.6	70.0	70.2	70.5	70.5	70.5	70.6	70.7	71.1	
GE 3500	64.7	67.4	74.3	75.6	75.6	76.2	76.8	77.2	77.4	77.6	77.7	77.8	77.8	77.9	78.3	
GE 3000	72.6	75.9	84.0	85.5	85.5	86.1	86.7	87.1	87.4	87.6	87.7	87.7	87.8	87.9	88.2	
GE 2500	74.2	77.6	86.2	87.8	87.8	88.4	89.1	89.5	89.8	90.0	90.1	90.1	90.2	90.3	90.6	
GE 2000	75.8	79.7	88.7	90.4	90.4	91.0	91.7	92.1	92.4	92.6	92.7	92.8	92.9	92.9	93.3	
GE 1800	76.0	80.0	89.0	90.7	90.7	91.3	92.1	92.5	92.7	92.9	93.0	93.1	93.2	93.2	93.8	
GE 1500	77.3	81.4	90.7	92.5	92.6	93.2	94.0	94.4	94.8	95.0	95.0	95.1	95.2	95.3	95.6	
GE 1200	77.9	82.2	91.7	93.6	93.6	94.2	95.0	95.4	95.8	96.0	96.1	96.1	96.2	96.3	96.7	
GE 1000	78.4	82.8	92.6	94.7	94.8	95.4	96.2	96.6	96.9	97.1	97.2	97.3	97.4	97.5	97.9	
GE 900	78.5	83.0	92.9	95.0	95.1	95.7	96.5	96.9	97.3	97.5	97.6	97.7	97.8	97.9	98.3	
GE 800	78.6	83.0	93.1	95.1	95.2	95.9	96.7	97.1	97.5	97.7	97.8	97.8	97.9	98.1	98.5	
GE 700	78.6	83.1	93.3	95.3	95.5	96.1	96.9	97.3	97.8	98.0	98.0	98.1	98.2	98.3	98.7	
GE 600	78.6	83.1	93.3	95.4	95.5	96.2	97.1	97.6	98.1	98.3	98.4	98.4	98.6	98.7	99.1	
GE 500	78.6	83.1	93.3	95.4	95.6	96.2	97.2	97.6	98.2	98.4	98.4	98.5	98.6	98.8	99.2	
GE 400	78.6	83.1	93.3	95.4	95.6	96.3	97.3	97.7	98.4	98.6	98.6	98.7	98.9	99.0	99.5	
GE 300	78.6	83.1	93.3	95.4	95.6	96.3	97.3	97.8	98.4	98.6	98.7	98.7	98.9	99.1	99.7	
GE 200	78.6	83.1	93.3	95.4	95.6	96.3	97.3	97.8	98.4	98.6	98.7	98.8	99.0	99.1	99.8	
GE 100	78.6	83.1	93.3	95.4	95.6	96.3	97.3	97.8	98.4	98.6	98.7	98.8	99.0	99.1	99.9	
GE 0	78.6	83.1	93.3	95.4	95.6	96.3	97.3	97.8	98.4	98.6	98.7	98.8	99.0	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 3259

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 78-79,85
MONTH: AUG HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
GE 20000		36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 18000		36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 16000		36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 14000		36.4	36.4	36.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 12000		36.4	36.4	36.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 10000		36.4	36.4	36.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 9000		36.4	36.4	36.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 8000		54.5	54.5	54.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 7000		63.6	63.6	63.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000		63.6	63.6	63.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 5000		63.6	63.6	63.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 4500		63.6	63.6	63.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 4000		72.7	72.7	72.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3500		72.7	72.7	72.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3000		72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2500		72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2000		72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1800		72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1500		72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1200		72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1000		72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		72.7	81.8	81.8	90.9	90.9	90.9	90.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMPER OF OBSERVATIONS: 11

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80-85
MONTH: AUG HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	17.9	18.7	24.6	27.6	28.4	29.1	29.1	32.1	36.6	37.3	37.3	38.8	42.5	42.5	44.8	
GE 20000	20.1	20.9	26.9	29.9	30.6	31.3	31.3	34.3	39.6	40.3	40.3	41.8	46.3	46.3	49.3	
GE 18000	20.9	21.6	27.6	30.6	31.3	32.1	32.1	35.1	40.3	41.0	41.0	42.5	47.0	47.0	50.0	
GE 16000	20.9	21.6	27.6	30.6	31.3	32.1	32.1	35.1	40.3	41.0	41.0	42.5	47.0	47.0	50.0	
GE 14000	20.9	21.6	27.6	30.6	31.3	32.1	32.1	35.1	40.3	41.0	41.0	42.5	47.0	47.0	50.0	
GE 12000	20.9	21.6	29.1	32.1	32.8	33.6	33.6	36.6	41.8	42.5	42.5	44.0	48.5	48.5	51.5	
GE 10000	20.9	21.6	29.9	32.8	33.6	34.3	34.3	37.3	42.5	43.3	43.3	44.8	49.3	49.3	52.2	
GE 9000	20.9	21.6	29.9	32.8	33.6	34.3	34.3	37.3	42.5	43.3	43.3	44.8	49.3	49.3	52.2	
GE 8000	23.1	23.9	34.3	37.3	38.1	38.8	38.8	42.5	47.8	48.5	48.5	50.0	54.5	54.5	57.5	
GE 7000	26.1	26.9	37.3	40.3	41.0	41.8	41.8	45.5	50.7	51.5	51.5	53.0	57.5	57.5	60.4	
GE 6000	26.1	26.9	37.3	40.3	41.0	41.8	41.8	45.5	50.7	51.5	51.5	53.0	57.5	57.5	60.4	
GE 5000	26.1	26.9	38.1	41.0	41.8	42.5	42.5	46.3	51.5	52.2	52.2	53.7	58.2	58.2	61.2	
GE 4500	27.6	28.4	39.6	42.5	43.3	44.0	44.0	47.8	53.0	53.7	53.7	55.2	59.7	59.7	62.7	
GE 4000	29.9	30.6	42.5	46.3	47.0	47.8	47.8	51.5	57.5	58.2	58.2	59.7	64.2	64.2	67.2	
GE 3500	30.6	31.3	43.3	47.8	48.5	49.3	49.3	53.7	59.7	60.4	60.4	61.9	66.4	66.4	70.1	
GE 3000	33.6	36.6	50.0	55.2	56.0	56.7	56.7	61.2	67.2	67.9	68.7	70.1	74.6	74.6	77.1	
GE 2500	35.8	38.8	53.0	59.0	59.7	60.4	60.4	64.9	70.9	71.6	72.4	73.9	78.4	78.4	82.8	
GE 2000	35.8	38.8	53.7	59.7	61.2	61.9	61.9	66.4	72.4	73.1	73.9	75.4	79.9	79.9	84.3	
GE 1800	35.8	38.8	53.7	59.7	61.2	61.9	61.9	66.4	72.4	73.1	73.9	75.4	79.9	79.9	84.3	
GE 1500	35.8	38.8	54.5	60.4	61.9	62.7	62.7	67.2	73.1	73.9	74.6	76.1	80.6	80.6	85.1	
GE 1200	35.8	38.8	55.2	61.2	62.7	64.2	64.2	68.7	74.6	75.4	76.1	77.6	82.1	82.1	86.6	
GE 1000	36.6	39.6	56.0	61.9	63.4	64.9	64.9	70.1	76.1	76.9	77.6	79.1	83.6	83.6	88.1	
GE 900	36.6	39.6	56.0	61.9	63.4	64.9	64.9	70.9	76.9	77.6	78.4	79.9	84.3	84.3	88.8	
GE 800	36.6	39.6	56.0	61.9	63.4	64.9	64.9	70.9	76.9	77.6	78.4	79.9	84.3	84.3	89.6	
GE 700	36.6	39.6	56.0	61.9	63.4	64.9	64.9	70.9	76.9	77.6	78.4	79.9	84.3	84.3	89.6	
GE 600	36.6	39.6	56.0	61.9	63.4	64.9	64.9	70.9	76.9	77.6	78.4	79.9	84.3	84.3	91.0	
GE 500	36.6	39.6	56.0	61.9	63.4	64.9	64.9	70.9	76.9	77.6	78.4	79.9	84.3	84.3	91.0	
GE 400	36.6	39.6	56.0	61.9	63.4	64.9	64.9	70.9	76.9	77.6	78.4	79.9	84.3	84.3	92.5	
GE 300	36.6	39.6	56.0	61.9	63.4	64.9	64.9	70.9	76.9	77.6	78.4	79.9	84.3	84.3	93.3	
GE 200	36.6	39.6	56.0	61.9	63.4	64.9	64.9	70.9	76.9	77.6	78.4	79.9	84.3	84.3	94.0	
GE 100	36.6	39.6	56.0	61.9	63.4	64.9	64.9	70.9	76.9	77.6	78.4	79.9	84.3	84.3	95.5	
GE 0	36.6	39.6	56.0	61.9	63.4	64.9	64.9	70.9	76.9	77.6	78.4	79.9	84.3	85.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 134

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: AUG HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.4	16.2	21.3	22.5	23.0	23.4	24.5	25.7	27.8	28.0	28.3	28.6	29.3	29.7	32.8	
GE 20000	18.0	20.2	26.6	28.0	28.6	29.0	30.3	31.7	34.0	34.3	34.6	35.0	35.7	36.1	39.8	
GE 18000	18.5	20.8	27.3	28.7	29.3	29.7	31.0	32.4	34.7	35.0	35.3	35.7	36.4	36.8	40.3	
GE 16000	18.7	20.9	27.6	29.0	29.6	30.0	31.2	32.6	35.0	35.3	35.6	36.0	36.7	37.1	40.6	
GE 14000	19.1	21.3	28.0	29.8	30.4	30.8	32.1	33.5	35.8	36.1	36.4	36.8	37.5	37.9	41.4	
GE 12000	19.5	22.2	29.1	31.0	31.5	31.9	33.2	34.7	37.1	37.4	37.7	38.1	38.8	39.3	42.8	
GE 10000	20.1	22.7	30.4	32.6	33.2	33.8	35.1	36.7	39.2	39.5	39.9	40.3	41.4	42.1	45.8	
GE 9000	21.3	24.3	31.9	34.2	34.7	35.4	36.8	38.5	41.0	41.3	41.7	42.1	43.2	43.9	47.4	
GE 8000	24.7	27.9	37.1	39.9	40.7	41.7	43.2	45.5	48.7	49.0	49.4	49.8	51.2	52.0	55.6	
GE 7000	26.9	30.1	39.9	43.2	44.1	45.0	46.6	48.8	52.0	52.3	52.7	53.1	54.5	55.4	59.0	
GE 6000	27.3	30.5	40.3	43.8	44.6	45.6	47.1	49.4	52.6	52.9	53.3	53.7	55.1	55.9	59.6	
GE 5000	27.8	31.0	41.3	44.8	45.6	46.6	48.1	50.3	53.6	53.8	54.3	54.7	56.1	56.9	60.5	
GE 4500	28.3	31.8	42.4	46.0	46.9	48.3	49.8	52.0	55.2	55.5	55.9	56.3	57.7	58.7	62.3	
GE 4000	30.3	33.8	45.3	49.2	50.1	51.5	53.1	55.5	58.9	59.1	59.6	60.0	61.4	62.3	66.2	
GE 3500	31.9	35.6	48.1	52.2	53.4	55.0	56.9	59.3	63.0	63.3	63.7	64.2	65.7	66.9	70.9	
GE 3000	34.6	38.5	53.0	57.9	58.9	60.7	62.6	65.3	69.3	69.7	70.2	70.8	72.1	73.4	77.3	
GE 2500	36.1	40.2	54.8	59.3	60.7	62.6	64.7	67.4	71.7	72.0	72.4	72.8	74.3	75.7	79.8	
GE 2000	37.0	41.1	56.8	61.4	62.8	65.0	67.2	69.9	74.2	74.6	75.0	75.5	77.3	78.5	82.4	
GE 1800	37.0	41.3	56.9	61.5	62.9	65.1	67.5	70.2	74.5	74.9	75.3	75.7	77.5	78.8	82.7	
GE 1500	37.2	41.6	58.2	63.0	64.4	66.8	69.9	72.8	77.3	77.7	78.1	78.5	80.3	81.6	85.6	
GE 1200	37.4	41.7	59.1	64.2	65.7	68.3	71.7	74.6	79.2	79.6	80.1	80.5	82.3	83.5	87.6	
GE 1000	37.8	42.3	60.5	65.7	67.2	69.9	73.5	76.7	81.5	81.9	82.3	82.7	84.5	85.8	89.8	
GE 900	37.8	42.3	60.7	65.8	67.4	70.2	73.8	77.0	81.7	82.1	82.6	83.0	84.8	86.1	90.1	
GE 800	37.8	42.5	61.1	66.2	67.8	70.6	74.3	77.5	82.4	82.8	83.3	83.7	85.5	86.8	90.8	
GE 700	37.8	42.5	61.2	66.5	68.1	71.0	74.9	78.1	83.0	83.4	83.8	84.2	86.1	87.3	91.4	
GE 600	37.8	42.5	61.2	66.5	68.1	71.0	74.9	78.1	83.0	83.4	83.8	84.2	86.1	87.3	91.4	
GE 500	37.8	42.5	61.2	66.5	68.1	71.1	75.0	78.2	83.3	83.7	84.1	84.5	86.5	88.0	92.6	
GE 400	37.8	42.5	61.2	66.5	68.1	71.3	75.2	78.4	83.4	83.8	84.2	84.7	87.2	88.7	94.7	
GE 300	37.8	42.5	61.2	66.5	68.1	71.3	75.2	78.4	83.4	83.8	84.2	84.7	87.3	88.8	95.7	
GE 200	37.8	42.5	61.2	66.5	68.1	71.3	75.2	78.4	83.4	83.8	84.2	84.7	87.4	89.1	96.5	
GE 100	37.8	42.5	61.2	66.5	68.1	71.3	75.2	78.4	83.4	83.8	84.2	84.7	87.4	89.8	98.2	
GE 0	37.8	42.5	61.2	66.5	68.1	71.3	75.2	78.4	83.4	83.8	84.2	84.7	87.9	90.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: AUG HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.7	27.5	34.2	35.0	35.1	35.7	36.0	36.3	36.6	36.6	36.6	36.6	36.6	36.6	36.6	
GE 20000	31.8	33.9	41.2	42.2	42.4	43.0	43.4	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	
GE 18000	32.2	34.2	41.6	42.6	42.8	43.4	43.8	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	
GE 16000	32.3	34.4	41.7	42.8	42.9	43.5	43.9	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	
GE 14000	33.2	35.3	42.6	43.7	43.8	44.4	44.8	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.3	
GE 12000	34.2	36.3	43.8	44.8	45.0	45.6	46.0	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	
GE 10000	36.2	38.5	46.4	47.8	47.9	48.6	49.0	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	
GE 9000	36.6	38.9	46.9	48.3	48.4	49.2	49.6	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	
GE 8000	40.2	42.5	51.6	53.1	53.2	54.4	54.8	55.2	55.4	55.4	55.6	55.6	55.6	55.6	55.6	
GE 7000	42.9	45.6	55.6	57.1	57.4	58.5	59.2	59.6	59.8	59.8	59.9	59.9	59.9	59.9	59.9	
GE 6000	43.2	45.9	55.9	57.5	57.8	58.9	59.6	59.9	60.2	60.2	60.3	60.3	60.3	60.3	60.3	
GE 5000	45.3	48.4	58.7	60.2	60.5	61.6	62.3	62.7	62.9	62.9	63.0	63.0	63.0	63.0	63.0	
GE 4500	47.0	50.3	61.0	62.5	62.8	64.0	64.6	65.0	65.2	65.2	65.4	65.4	65.4	65.4	65.4	
GE 4000	50.0	53.2	64.6	66.4	66.7	68.2	69.1	69.5	69.8	69.8	69.9	69.9	69.9	69.9	69.9	
GE 3500	54.3	57.8	69.9	72.0	72.2	73.8	74.8	75.2	75.5	75.5	75.6	75.6	75.6	75.7	75.7	
GE 3000	60.6	64.5	78.4	80.7	81.1	82.9	84.1	84.5	84.8	84.8	84.9	84.9	84.9	85.1	85.1	
GE 2500	62.5	66.5	80.6	83.1	83.6	85.4	86.7	87.2	87.5	87.5	87.6	87.6	87.6	87.9	87.9	
GE 2000	64.7	68.9	84.0	86.6	87.1	89.0	90.6	91.1	91.3	91.3	91.5	91.5	91.5	91.7	91.7	
GE 1800	65.0	69.1	84.2	86.8	87.3	89.3	90.8	91.3	91.6	91.6	91.7	91.7	91.7	92.0	92.0	
GE 1500	65.9	70.0	85.8	88.8	89.4	91.3	93.2	93.8	94.2	94.2	94.3	94.3	94.3	94.6	94.6	
GE 1200	66.3	70.7	87.3	90.3	91.0	92.9	94.7	95.3	95.7	95.7	95.9	95.9	95.9	96.1	96.1	
GE 1000	66.3	70.7	88.5	91.6	92.2	94.2	96.0	96.8	97.2	97.2	97.4	97.4	97.4	97.7	97.7	
GE 900	66.3	70.7	88.5	91.6	92.2	94.2	96.0	96.8	97.2	97.2	97.4	97.4	97.4	97.7	97.7	
GE 800	66.3	70.7	88.6	91.7	92.4	94.4	96.3	97.0	97.4	97.4	97.8	97.8	97.8	98.1	98.1	
GE 700	66.3	70.7	88.6	91.7	92.4	94.4	96.3	97.0	97.5	97.5	97.9	97.9	97.9	98.2	98.2	
GE 600	66.3	70.7	88.6	91.7	92.4	94.4	96.3	97.0	97.5	97.5	97.9	97.9	98.1	98.3	98.3	
GE 500	66.3	70.7	88.8	91.9	92.5	94.6	96.5	97.3	97.8	97.8	98.2	98.2	98.3	98.7	98.7	
GE 400	66.3	70.7	88.8	91.9	92.5	94.6	96.5	97.3	97.8	97.8	98.2	98.2	98.4	99.0	99.0	
GE 300	66.3	70.7	88.9	92.0	92.6	94.7	96.8	97.5	98.1	98.1	98.4	98.6	98.8	99.4	99.5	
GE 200	66.3	70.7	88.9	92.0	92.6	94.7	96.8	97.5	98.1	98.1	98.4	98.6	99.2	99.7	99.9	
GE 100	66.3	70.7	88.9	92.0	92.6	94.7	96.8	97.5	98.1	98.1	98.4	98.6	99.2	99.7	99.9	
GE 0	66.3	70.7	88.9	92.0	92.6	94.7	96.8	97.5	98.1	98.1	98.6	98.7	99.4	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 774

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: AUG HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.4	30.5	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
GE 20000	36.4	37.5	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 18000	36.8	38.0	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 16000	37.1	38.2	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 14000	37.8	38.9	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 12000	39.6	40.7	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 10000	43.2	44.3	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 9000	45.7	46.8	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 8000	52.4	53.5	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 7000	54.4	55.7	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 6000	55.0	56.2	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 5000	58.7	60.0	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 4500	61.1	62.3	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 4000	67.9	69.4	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 3500	76.3	78.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3000	85.9	88.0	91.8	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2500	87.7	89.8	94.3	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	88.6	90.7	95.3	95.6	95.7	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1800	88.6	90.7	95.4	95.7	95.8	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1500	89.3	92.0	97.1	97.5	97.8	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	89.6	92.2	98.1	98.5	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	89.8	92.4	98.8	99.2	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	89.8	92.4	98.8	99.2	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	89.8	92.4	98.8	99.2	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	89.8	92.4	98.8	99.2	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	89.8	92.4	98.8	99.2	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	89.8	92.4	98.8	99.2	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	89.8	92.4	98.8	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	89.8	92.4	98.8	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	89.8	92.4	98.8	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.8	92.4	98.8	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	89.8	92.4	98.8	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 722

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: AUG HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.2	33.2	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 20000	41.7	41.7	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 18000	42.0	42.0	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 16000	42.0	42.0	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 14000	42.9	42.9	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 12000	44.3	44.3	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 10000	47.4	47.4	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 9000	50.1	50.1	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 8000	57.7	57.7	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 7000	60.4	60.4	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 6000	60.8	60.8	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 5000	65.4	65.4	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 4500	69.3	69.3	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4000	77.7	77.8	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 3500	84.9	85.0	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 3000	89.5	90.5	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2500	90.3	91.3	94.9	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2000	91.7	92.7	96.3	96.4	96.4	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	91.7	92.7	96.6	96.7	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	92.2	93.4	97.7	97.8	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	96.1
GE 1200	92.2	93.8	98.6	98.8	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	92.2	93.8	98.9	99.1	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	92.4	93.9	99.1	99.2	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	92.4	93.9	99.4	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	92.4	93.9	99.4	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	92.4	93.9	99.4	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	92.4	93.9	99.4	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.4	93.9	99.4	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.4	93.9	99.4	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.4	93.9	99.4	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.4	93.9	99.4	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	92.4	93.9	99.4	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 641

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77,80-85
MONTH: AUG HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	42.6	45.4	49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 20000	55.5	58.3	62.3	63.2	63.2	63.2	63.2	63.2	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 18000	55.5	58.3	62.3	63.2	63.2	63.2	63.2	63.2	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 16000	55.5	58.3	62.3	63.2	63.2	63.2	63.2	63.2	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 14000	55.5	58.3	62.3	63.2	63.2	63.2	63.2	63.2	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 12000	55.5	58.3	62.3	63.2	63.2	63.2	63.2	63.2	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 10000	58.9	61.7	65.6	66.6	66.6	66.6	66.6	66.6	66.6	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 9000	62.6	65.3	69.3	70.2	70.2	70.2	70.2	70.2	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 8000	66.6	70.2	74.2	75.2	75.2	75.2	75.2	75.2	75.2	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 7000	68.7	72.4	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 6000	69.3	73.0	77.0	77.9	77.9	77.9	77.9	77.9	77.9	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 5000	70.6	74.5	78.8	79.8	79.8	79.8	79.8	79.8	79.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 4500	73.0	77.0	81.6	82.5	82.5	82.5	82.5	82.5	82.5	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4000	78.2	82.2	87.7	88.7	88.7	88.7	88.7	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3500	80.7	84.7	90.2	91.1	91.1	91.1	91.1	91.1	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 3000	83.7	88.0	94.5	95.4	95.4	95.4	95.4	95.4	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500	83.7	88.0	94.5	95.4	95.4	95.4	95.4	95.4	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	84.7	89.0	96.0	96.9	96.9	96.9	96.9	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	84.7	89.0	96.0	96.9	96.9	96.9	96.9	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	85.0	89.3	96.3	97.5	97.5	97.5	97.5	97.5	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	85.0	89.3	97.2	98.5	98.5	98.5	98.5	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	85.0	89.3	97.2	98.5	98.5	98.5	98.5	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	85.0	89.3	97.2	98.5	98.5	98.5	98.5	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	85.0	89.3	97.9	99.1	99.1	99.1	99.1	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	85.0	89.3	97.9	99.1	99.1	99.1	99.1	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	85.0	89.3	98.2	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	85.0	89.3	98.2	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	85.0	89.3	98.2	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	85.0	89.3	98.2	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	85.0	89.3	98	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	85.0	89.3	98.2	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	85.0	89.3	98.2	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 326

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77,80-85
MONTH: AUG HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	48.8	53.5	59.7	62.0	62.0	62.0	62.0	62.0	62.8	62.8	62.8	62.8	62.8	62.8	62.8	
GE 20000	53.5	58.9	65.1	67.4	67.4	67.4	67.4	67.4	68.2	68.2	68.2	68.2	68.2	68.2	68.2	
GE 18000	53.5	58.9	65.1	67.4	67.4	67.4	67.4	67.4	68.2	68.2	68.2	68.2	68.2	68.2	68.2	
GE 16000	53.5	58.9	65.1	67.4	67.4	67.4	67.4	67.4	68.2	68.2	68.2	68.2	68.2	68.2	68.2	
GE 14000	53.5	58.9	65.1	67.4	67.4	67.4	67.4	67.4	68.2	68.2	68.2	68.2	68.2	68.2	68.2	
GE 12000	53.5	58.9	65.1	67.4	67.4	67.4	67.4	67.4	68.2	68.2	68.2	68.2	68.2	68.2	68.2	
GE 10000	55.0	60.5	66.7	69.0	69.0	69.0	69.0	69.0	69.8	69.8	69.8	69.8	69.8	69.8	69.8	
GE 9000	58.1	63.6	69.8	72.1	72.1	72.1	72.1	72.1	72.9	72.9	72.9	72.9	72.9	72.9	72.9	
GE 8000	61.2	67.4	74.4	76.7	76.7	76.7	76.7	76.7	77.5	77.5	77.5	77.5	77.5	77.5	77.5	
GE 7000	63.6	69.8	76.7	79.8	79.8	79.8	79.8	79.8	80.6	80.6	80.6	80.6	80.6	80.6	80.6	
GE 6000	63.6	69.8	76.7	79.8	79.8	79.8	79.8	79.8	80.6	80.6	80.6	80.6	80.6	80.6	80.6	
GE 5000	64.3	70.5	79.1	82.2	82.2	82.2	82.2	82.2	82.9	82.9	82.9	82.9	82.9	82.9	82.9	
GE 4500	65.1	71.3	79.8	83.7	83.7	83.7	83.7	83.7	84.5	84.5	84.5	84.5	84.5	84.5	84.5	
GE 4000	67.4	73.6	82.9	86.8	86.8	86.8	86.8	86.8	87.6	87.6	87.6	87.6	87.6	87.6	87.6	
GE 3500	70.5	76.7	86.8	90.7	90.7	90.7	90.7	90.7	91.5	91.5	91.5	91.5	91.5	91.5	91.5	
GE 3000	72.1	79.1	89.9	93.8	93.8	93.8	93.8	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
GE 2500	72.1	79.1	90.7	94.6	94.6	94.6	94.6	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
GE 2000	72.1	79.1	92.2	96.9	96.9	96.9	96.9	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
GE 1800	72.1	79.1	92.2	96.9	96.9	96.9	96.9	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
GE 1500	72.9	79.8	93.0	97.7	97.7	97.7	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
GE 1200	72.9	79.8	93.0	97.7	97.7	97.7	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
GE 1000	72.9	79.8	93.0	97.7	97.7	97.7	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
GE 900	72.9	79.8	93.0	97.7	97.7	97.7	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
GE 800	72.9	79.8	93.0	97.7	97.7	97.7	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
GE 700	72.9	79.8	93.0	97.7	97.7	97.7	97.7	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
GE 600	72.9	79.8	94.6	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	72.9	79.8	94.6	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	72.9	79.8	94.6	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	72.9	79.8	94.6	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	72.9	79.8	94.6	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	72.9	79.8	94.6	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	72.9	79.8	94.6	99.2	99.2	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 129

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 76-85
MONTH: AUG HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.6	29.1	32.9	33.6	33.8	34.0	34.4	34.8	35.5	35.6	35.7	35.8	36.1	36.2	36.9	
GE 20000	34.3	36.0	40.3	41.2	41.3	41.6	42.0	42.4	43.3	43.3	43.4	43.5	43.9	43.9	44.8	
GE 18000	34.7	36.4	40.7	41.6	41.7	42.0	42.4	42.8	43.7	43.7	43.8	43.9	44.3	44.4	45.2	
GE 16000	34.8	36.5	40.9	41.7	41.9	42.2	42.5	43.0	43.8	43.9	43.9	44.1	44.4	44.5	45.3	
GE 14000	35.4	37.1	41.5	42.4	42.6	42.9	43.2	43.7	44.5	44.6	44.7	44.8	45.1	45.2	46.1	
GE 12000	36.4	38.1	42.7	43.7	43.8	44.1	44.4	44.9	45.8	45.9	45.9	46.1	46.4	46.5	47.5	
GE 10000	38.7	40.4	45.3	46.5	46.6	46.9	47.3	47.8	48.7	48.8	48.8	49.0	49.4	49.5	50.4	
GE 9000	40.5	42.3	47.3	48.4	48.6	49.0	49.3	49.9	50.7	50.8	50.9	51.0	51.4	51.6	52.4	
GE 8000	45.4	47.5	53.1	54.4	54.6	55.1	55.5	56.2	57.2	57.3	57.4	57.6	58.0	58.2	59.1	
GE 7000	47.9	50.0	56.0	57.4	57.7	58.2	58.6	59.3	60.3	60.4	60.5	60.7	61.1	61.3	62.2	
GE 6000	48.3	50.4	56.4	57.9	58.1	58.6	59.1	59.8	60.8	60.9	61.0	61.1	61.6	61.8	62.7	
GE 5000	50.6	52.9	59.1	60.6	60.9	61.3	61.8	62.5	63.5	63.6	63.7	63.9	64.3	64.5	65.4	
GE 4500	52.6	55.0	61.5	63.0	63.2	63.8	64.3	65.0	66.0	66.1	66.2	66.3	66.8	67.0	67.9	
GE 4000	57.4	59.8	66.8	68.5	68.7	69.4	69.9	70.7	71.7	71.8	71.9	72.1	72.6	72.8	73.7	
GE 3500	62.2	64.7	72.1	73.9	74.3	75.0	75.6	76.3	77.5	77.6	77.7	77.9	78.3	78.6	79.6	
GE 3000	67.5	70.6	79.5	81.5	81.9	82.7	83.4	84.3	85.5	85.6	85.7	85.9	86.4	86.7	87.7	
GE 2500	68.6	72.0	81.4	83.4	83.9	84.8	85.5	86.4	87.6	87.7	87.9	88.0	88.5	88.9	89.8	
GE 2000	70.0	73.2	83.2	85.4	85.9	86.8	87.7	88.6	89.9	90.0	90.1	90.3	90.8	91.1	92.1	
GE 1800	70.1	73.3	83.4	85.6	86.0	87.0	87.9	88.8	90.1	90.2	90.3	90.5	91.0	91.3	92.3	
GE 1500	70.6	74.1	84.7	87.0	87.6	88.5	89.6	90.6	92.0	92.1	92.2	92.4	92.9	93.2	94.2	
GE 1200	70.8	74.3	85.7	88.1	88.7	89.7	90.9	91.9	93.2	93.3	93.5	93.6	94.2	94.5	95.5	
GE 1000	71.0	74.5	86.5	88.9	89.5	90.6	91.8	92.9	94.3	94.4	94.6	94.8	95.3	95.6	96.6	
GE 900	71.0	74.6	86.5	89.0	89.5	90.7	91.9	93.0	94.4	94.6	94.7	94.9	95.4	95.7	96.8	
GE 800	71.0	74.6	86.8	89.2	89.8	90.9	92.2	93.3	94.8	94.9	95.1	95.2	95.8	96.1	97.1	
GE 700	71.0	74.6	86.8	89.3	89.8	91.0	92.3	93.4	94.9	95.0	95.2	95.4	95.9	96.2	97.3	
GE 600	71.0	74.6	86.9	89.3	89.9	91.1	92.4	93.5	95.0	95.1	95.3	95.5	96.0	96.4	97.5	
GE 500	71.0	74.6	86.9	89.4	90.0	91.2	92.5	93.6	95.1	95.2	95.4	95.6	96.2	96.6	97.8	
GE 400	71.0	74.6	86.9	89.4	90.0	91.2	92.5	93.7	95.2	95.3	95.5	95.6	96.4	96.8	98.4	
GE 300	71.0	74.6	86.9	89.4	90.0	91.3	92.6	93.7	95.2	95.3	95.5	95.7	96.5	96.9	98.7	
GE 200	71.0	74.6	86.9	89.4	90.0	91.3	92.6	93.7	95.2	95.3	95.5	95.7	96.6	97.1	99.0	
GE 100	71.0	74.6	86.9	89.4	90.0	91.3	92.6	93.7	95.2	95.3	95.5	95.7	96.6	97.2	99.4	
GE 0	71.0	74.6	86.9	89.4	90.0	91.3	92.6	93.7	95.2	95.3	95.6	95.7	96.7	97.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 3454

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 79,81,83
MONTH: SEP HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.9	26.9	31.5	33.3	35.2	40.7	43.5	43.5	45.4	45.4	45.4	45.4	46.3	47.2	48.1	
GE 20000	29.6	30.6	36.1	39.8	42.6	48.1	50.9	51.9	53.7	53.7	54.6	54.6	56.5	57.4	59.3	
GE 18000	29.6	30.6	36.1	40.7	43.5	49.1	51.9	52.8	54.6	54.6	55.6	55.6	57.4	58.3	60.2	
GE 16000	29.6	30.6	36.1	40.7	43.5	49.1	51.9	52.8	54.6	54.6	55.6	55.6	57.4	58.3	60.2	
GE 14000	29.6	30.6	36.1	40.7	43.5	49.1	51.9	52.8	54.6	54.6	55.6	55.6	57.4	58.3	60.2	
GE 12000	29.6	30.6	36.1	40.7	43.5	49.1	51.9	52.8	54.6	54.6	55.6	55.6	57.4	58.3	60.2	
GE 10000	31.5	32.4	38.0	42.6	45.4	50.9	53.7	54.6	56.5	56.5	57.4	57.4	59.3	60.2	62.0	
GE 9000	33.3	34.3	39.8	44.4	47.2	52.8	55.6	56.5	58.3	58.3	59.3	59.3	61.1	62.0	63.9	
GE 8000	35.2	36.1	41.7	46.3	49.1	54.6	57.4	58.3	60.2	60.2	61.1	61.1	63.0	63.9	65.7	
GE 7000	37.0	38.0	43.5	48.1	50.9	56.5	59.3	60.2	62.0	62.0	63.0	63.0	64.8	65.7	67.6	
GE 6000	37.0	38.0	43.5	48.1	50.9	56.5	59.3	60.2	62.0	62.0	63.0	63.0	64.8	65.7	67.6	
GE 5000	37.0	38.0	43.5	48.1	50.9	56.5	59.3	60.2	62.0	62.0	63.0	63.0	64.8	65.7	67.6	
GE 4500	37.0	38.0	43.5	50.9	53.7	59.3	62.0	63.0	64.8	64.8	65.7	65.7	67.6	68.5	70.4	
GE 4000	37.0	38.0	43.5	50.9	53.7	59.3	63.0	63.9	65.7	65.7	66.7	66.7	68.5	69.4	71.3	
GE 3500	42.6	43.5	49.1	56.5	59.3	64.8	68.5	69.4	71.3	71.3	72.2	72.2	74.1	75.0	76.9	
GE 3000	48.1	49.1	54.6	62.0	64.8	70.4	74.1	75.0	76.9	76.9	77.8	77.8	80.6	81.5	83.3	
GE 2500	50.0	50.9	56.5	63.9	66.7	74.1	77.8	78.7	80.6	80.6	81.5	81.5	84.3	85.2	87.0	
GE 2000	51.9	52.8	60.2	69.4	72.2	80.6	84.3	85.2	88.0	88.0	88.9	88.9	91.7	92.6	94.4	
GE 1800	51.9	52.8	60.2	69.4	72.2	80.6	84.3	85.2	88.0	88.0	88.9	88.9	91.7	92.6	94.4	
GE 1500	52.8	54.6	62.0	71.3	74.1	82.4	86.1	87.0	89.8	89.8	90.7	90.7	93.5	94.4	96.3	
GE 1200	52.8	54.6	62.0	71.3	74.1	82.4	86.1	87.0	89.8	89.8	90.7	90.7	93.5	94.4	96.3	
GE 1000	52.8	54.6	62.0	71.3	74.1	82.4	86.1	87.0	89.8	89.8	90.7	90.7	93.5	94.4	96.3	
GE 900	52.8	54.6	62.0	71.3	74.1	82.4	86.1	87.0	89.8	89.8	90.7	90.7	93.5	94.4	96.3	
GE 800	52.8	54.6	62.0	71.3	74.1	82.4	86.1	87.0	89.8	89.8	90.7	90.7	93.5	94.4	96.3	
GE 700	52.8	54.6	62.0	71.3	74.1	82.4	86.1	87.0	89.8	89.8	90.7	90.7	93.5	94.4	96.3	
GE 600	52.8	54.6	63.0	72.2	75.0	83.3	87.0	88.0	90.7	90.7	91.7	91.7	94.4	95.4	97.2	
GE 500	52.8	54.6	63.0	72.2	75.0	83.3	87.0	88.0	90.7	90.7	91.7	91.7	94.4	95.4	97.2	
GE 400	52.8	54.6	63.0	72.2	75.0	83.3	87.0	88.0	90.7	90.7	91.7	91.7	94.4	95.4	97.2	
GE 300	52.8	54.6	63.0	72.2	75.0	83.3	87.0	88.0	90.7	90.7	91.7	91.7	94.4	95.4	97.2	
GE 200	52.8	54.6	63.0	72.2	75.0	83.3	87.0	88.0	90.7	90.7	91.7	91.7	94.4	95.4	97.2	
GE 100	52.8	54.6	63.0	72.2	75.0	83.3	87.0	88.0	90.7	90.7	91.7	91.7	94.4	95.4	97.2	
GE 0	52.8	54.6	63.0	72.2	75.0	83.3	87.0	88.0	90.7	90.7	91.7	91.7	94.4	96.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 108

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 79-85
MONTH: SEP HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	14.4	16.0	19.6	20.6	21.1	24.7	26.3	26.8	27.8	28.4	28.4	28.9	29.9	31.4	38.7	
GE 20000	16.5	18.0	21.6	23.2	23.7	27.3	28.9	29.4	30.4	30.9	30.9	31.4	32.5	34.0	41.2	
GE 18000	17.0	18.6	22.2	23.7	24.2	27.8	29.4	29.9	30.9	31.4	31.4	32.0	33.0	34.5	41.8	
GE 16000	17.0	18.6	22.2	23.7	24.2	27.8	29.4	29.9	30.9	31.4	31.4	32.0	33.0	34.5	41.8	
GE 14000	17.0	18.6	22.2	23.7	24.2	27.8	29.4	29.9	30.9	31.4	31.4	32.0	33.0	34.5	41.8	
GE 12000	17.0	18.6	22.2	23.7	24.2	27.8	29.4	29.9	30.9	31.4	31.4	32.0	33.0	34.5	41.8	
GE 10000	18.0	19.6	23.2	24.7	25.3	28.9	30.4	30.9	32.0	32.5	32.5	33.0	34.0	35.6	42.8	
GE 9000	18.0	19.6	23.2	24.7	25.3	28.9	30.4	30.9	32.0	32.5	32.5	33.0	34.0	35.6	42.8	
GE 8000	20.6	22.2	27.3	28.9	29.4	33.0	34.5	35.1	36.1	36.6	36.6	37.1	38.1	39.7	46.9	
GE 7000	20.6	22.2	27.3	29.9	30.4	34.0	35.6	36.1	37.1	37.6	37.6	38.1	39.2	40.7	47.9	
GE 6000	20.6	22.2	27.3	29.9	30.4	34.0	35.6	36.1	37.1	37.6	37.6	38.1	39.2	40.7	47.9	
GE 5000	21.6	23.2	28.9	32.0	32.5	36.1	37.6	38.1	39.2	39.7	40.2	40.7	41.8	43.3	50.5	
GE 4500	22.2	23.7	29.4	33.0	33.5	37.1	38.7	39.2	40.2	40.7	41.2	41.8	42.8	44.3	51.5	
GE 4000	23.2	25.3	31.4	35.6	36.1	39.7	41.3	41.8	42.8	43.3	43.9	44.4	45.4	46.9	54.1	
GE 3500	28.4	31.4	38.1	42.8	43.3	46.9	48.5	49.0	50.0	50.5	51.0	51.5	52.6	54.1	61.3	
GE 3000	32.5	36.1	44.3	49.0	49.5	53.1	54.7	55.2	56.2	56.7	57.2	57.7	58.8	60.3	67.5	
GE 2500	34.0	37.6	46.4	51.5	52.1	57.2	61.3	62.4	63.9	64.4	64.9	65.5	67.0	68.6	75.8	
GE 2000	36.6	40.7	51.0	57.2	57.7	62.9	67.0	68.0	69.6	70.1	70.6	71.1	72.7	74.2	82.0	
GE 1800	38.1	42.3	52.6	59.3	59.8	64.9	69.1	70.1	71.6	72.2	72.7	73.2	74.7	76.3	84.0	
GE 1500	38.1	42.3	53.1	59.8	60.8	66.0	70.1	71.1	72.7	73.2	74.2	74.7	76.3	77.8	85.6	
GE 1200	38.7	42.8	54.1	60.8	61.9	67.5	71.6	72.7	74.2	74.7	75.8	76.3	77.8	79.4	87.1	
GE 1000	38.7	42.8	54.6	61.9	62.9	68.6	73.2	74.2	75.8	76.3	77.3	77.8	79.9	81.4	89.2	
GE 900	38.7	42.8	54.6	61.9	62.9	68.6	73.2	74.2	75.8	76.3	77.3	77.8	79.9	81.4	89.2	
GE 800	38.7	42.8	54.6	61.9	62.9	68.6	73.2	74.2	75.8	76.3	77.3	77.8	79.9	81.4	89.2	
GE 700	38.7	42.8	54.6	61.9	62.9	69.1	73.7	74.7	76.3	76.8	77.8	78.4	80.4	82.0	89.7	
GE 600	38.7	42.8	55.2	62.9	63.9	70.1	74.7	75.8	77.3	77.8	78.9	79.4	81.4	83.5	91.2	
GE 500	38.7	42.8	55.2	62.9	63.9	70.1	74.7	75.8	77.3	77.8	78.9	79.4	81.4	83.5	91.2	
GE 400	38.7	42.8	55.2	62.9	63.9	70.1	74.7	75.8	77.3	77.8	78.9	79.4	81.4	83.5	91.2	
GE 300	38.7	42.8	55.2	62.9	63.9	70.1	74.7	75.8	77.3	77.8	78.9	79.4	81.4	83.5	91.2	
GE 200	38.7	42.8	55.2	62.9	63.9	70.1	74.7	75.8	77.3	77.8	78.9	79.4	81.4	84.5	93.3	
GE 100	38.7	42.8	55.2	62.9	63.9	70.1	74.7	75.8	77.3	77.8	78.9	79.4	81.4	84.5	93.8	
GE 0	38.7	42.8	55.2	62.9	63.9	70.1	74.7	75.8	77.3	77.8	78.9	79.4	81.4	85.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 194

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	10.2	11.1	14.3	15.0	15.5	16.7	17.8	18.2	19.3	19.9	20.4	20.7	22.0	24.0	26.0	
GE 20000	12.5	13.4	16.7	17.8	18.4	19.8	20.8	21.3	22.3	22.9	23.4	23.7	25.1	27.2	31.9	
GE 18000	12.8	13.7	17.0	18.2	18.8	20.2	21.3	21.7	22.8	23.4	23.9	24.2	25.5	27.7	32.4	
GE 16000	13.1	14.0	17.3	18.5	19.1	20.5	21.6	22.0	23.1	23.7	24.2	24.5	25.8	28.0	32.7	
GE 14000	13.5	14.4	17.8	19.0	19.6	21.0	22.0	22.5	23.6	24.2	24.6	24.9	26.3	28.4	33.1	
GE 12000	13.5	14.4	17.9	19.5	20.1	21.6	22.6	23.1	24.2	24.8	25.2	25.5	26.9	29.0	33.9	
GE 10000	14.6	15.5	19.3	21.0	21.6	23.1	24.2	24.6	25.8	26.4	26.9	27.2	28.7	31.0	36.2	
GE 9000	15.5	16.4	20.7	22.3	22.9	24.5	25.5	26.1	27.7	28.3	28.7	29.0	31.0	33.3	38.4	
GE 8000	18.1	19.3	23.9	25.5	26.1	27.7	28.9	29.6	31.6	32.2	32.8	33.1	35.9	38.3	43.8	
GE 7000	18.8	20.1	25.2	27.4	28.0	29.6	31.2	31.9	34.0	35.0	35.6	35.9	38.6	41.0	46.7	
GE 6000	19.1	20.4	25.5	27.7	28.3	29.9	31.5	32.5	34.6	35.7	36.3	36.6	39.4	41.8	47.4	
GE 5000	21.3	22.5	28.0	31.2	31.8	33.6	35.4	36.5	38.9	39.8	40.4	40.9	43.6	46.2	52.0	
GE 4500	23.7	24.9	30.9	34.0	34.7	36.5	38.3	39.4	41.8	42.7	43.3	43.8	46.5	49.1	54.9	
GE 4000	26.6	27.8	34.7	38.1	38.8	40.6	42.6	43.9	46.7	47.6	48.2	48.8	51.7	54.3	60.0	
GE 3500	29.0	30.4	37.5	41.3	41.9	43.8	45.7	47.1	50.0	50.9	51.5	52.1	55.2	57.8	63.5	
GE 3000	33.1	34.8	43.8	48.0	48.6	50.6	53.2	54.7	57.6	58.5	59.1	59.7	62.8	65.3	71.3	
GE 2500	35.4	37.7	47.3	51.8	52.6	54.6	57.3	58.8	61.9	62.8	63.5	64.1	67.2	69.8	75.7	
GE 2000	36.8	39.2	49.8	55.2	55.9	57.9	60.9	62.6	65.7	66.6	67.3	67.9	71.0	73.7	80.1	
GE 1800	36.9	39.4	50.3	55.8	56.5	58.5	61.6	63.2	66.3	67.2	67.9	68.5	71.6	74.3	80.7	
GE 1500	38.4	41.3	52.7	58.5	59.3	61.7	64.7	66.6	70.1	71.0	71.7	72.3	75.4	78.1	84.5	
GE 1200	39.2	42.2	53.8	59.6	60.3	62.8	65.8	67.6	71.3	72.2	72.9	73.6	76.6	79.3	85.9	
GE 1000	39.5	42.6	54.9	60.6	61.6	64.1	67.2	69.0	72.8	73.7	74.5	75.1	78.1	81.2	87.8	
GE 900	39.5	42.6	55.0	60.8	61.7	64.3	67.3	69.1	73.1	74.0	74.8	75.4	78.4	81.5	88.1	
GE 800	39.5	42.6	55.0	60.9	61.9	64.4	67.5	69.3	73.3	74.2	74.9	75.5	78.6	81.6	88.3	
GE 700	39.5	42.6	55.0	61.1	62.0	64.6	67.6	69.5	73.4	74.3	75.1	75.7	78.7	81.8	88.6	
GE 600	39.5	42.6	55.0	61.4	62.5	65.0	68.4	70.2	74.2	75.1	75.8	76.4	79.5	82.5	89.8	
GE 500	39.5	42.6	55.0	61.6	62.6	65.2	68.5	70.4	74.3	75.2	76.0	76.6	79.8	83.0	90.4	
GE 400	39.5	42.6	55.0	61.6	62.6	65.2	68.5	70.4	74.5	75.4	76.1	76.7	80.1	83.3	91.8	
GE 300	39.5	42.6	55.0	61.6	62.6	65.3	68.7	70.5	74.6	75.5	76.3	76.9	80.4	84.0	93.5	
GE 200	39.5	42.6	55.0	61.6	62.6	65.3	68.7	70.5	74.6	75.5	76.3	76.9	80.4	84.0	95.0	
GE 100	39.5	42.6	55.0	61.6	62.6	65.3	68.7	70.5	74.6	75.5	76.3	76.9	80.4	84.0	96.7	
GE 0	39.5	42.6	55.0	61.6	62.6	65.3	68.7	70.5	74.6	75.5	76.6	77.2	80.7	84.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 658

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	17.2	18.5	23.8	25.7	25.8	26.4	27.8	27.9	28.6	28.7	28.9	28.9	29.0	29.1	29.1	
GE 20000	20.9	22.7	29.3	31.5	31.7	32.2	34.0	34.2	35.3	35.4	35.6	35.6	35.8	36.1	36.1	
GE 18000	21.1	22.9	29.6	31.9	32.1	32.6	34.4	34.6	35.7	35.8	36.0	36.0	36.3	36.5	36.5	
GE 16000	21.2	23.0	29.7	32.1	32.2	32.8	34.6	34.7	35.8	36.0	36.1	36.1	36.4	36.7	36.7	
GE 14000	22.0	23.8	30.8	33.2	33.3	33.9	35.7	35.8	37.0	37.1	37.2	37.2	37.5	37.8	37.8	
GE 12000	22.7	24.5	31.7	34.0	34.2	34.7	36.7	36.8	37.9	38.1	38.2	38.2	38.5	38.8	38.8	
GE 10000	23.6	25.7	33.2	35.6	35.7	36.3	38.2	38.4	39.5	39.6	39.7	39.7	40.0	40.3	40.3	
GE 9000	24.3	26.4	34.7	37.2	37.4	37.9	39.9	40.0	41.3	41.4	41.6	41.6	41.8	42.1	42.1	
GE 8000	27.3	29.4	38.5	41.4	42.0	42.7	44.8	44.9	46.3	46.4	46.6	46.6	47.0	47.3	47.6	
GE 7000	29.0	31.2	40.7	43.8	44.4	45.2	47.4	47.6	49.0	49.1	49.2	49.2	49.7	49.9	50.2	
GE 6000	29.3	31.5	41.1	44.4	44.9	45.7	48.3	48.4	49.8	49.9	50.1	50.1	50.5	50.8	51.0	
GE 5000	31.0	33.3	44.8	48.0	48.7	49.7	52.2	52.3	54.0	54.1	54.3	54.3	54.7	55.0	55.2	
GE 4500	32.8	35.1	46.6	50.1	50.9	52.0	54.5	54.7	56.3	56.5	56.6	56.6	57.0	57.3	57.6	
GE 4000	36.5	39.1	51.9	55.6	56.5	57.6	60.4	60.8	62.6	62.8	62.9	62.9	63.3	63.6	63.9	
GE 3500	41.4	44.1	58.6	62.5	63.3	64.4	67.2	67.6	69.7	69.9	70.0	70.0	70.4	70.7	71.0	
GE 3000	47.8	50.6	66.7	70.9	71.8	72.9	76.2	76.6	78.7	78.8	78.9	78.9	79.3	79.9	80.2	
GE 2500	49.8	52.6	68.9	73.1	74.1	75.2	78.7	79.1	81.2	81.3	81.5	81.5	82.0	82.4	82.7	
GE 2000	52.6	55.4	72.4	76.7	77.7	78.9	82.7	83.1	85.2	85.4	85.5	85.5	86.1	86.5	86.8	
GE 1800	53.0	55.8	72.8	77.3	78.2	79.5	83.3	83.7	85.8	85.9	86.1	86.1	86.6	87.0	87.3	
GE 1500	54.8	57.9	75.7	80.5	81.5	82.7	86.6	87.0	89.1	89.3	89.4	89.4	90.0	90.4	90.7	
GE 1200	55.2	58.4	77.1	82.0	83.0	84.2	88.1	88.6	90.7	90.8	90.9	90.9	91.5	91.9	92.2	
GE 1000	55.6	58.9	77.7	83.3	84.2	85.5	89.4	89.8	91.9	92.1	92.2	92.2	92.7	93.2	93.4	
GE 900	55.6	58.9	77.8	83.4	84.4	85.6	89.5	90.1	92.2	92.3	92.5	92.5	93.0	93.4	93.7	
GE 800	55.6	58.9	77.8	83.4	84.5	85.8	89.7	90.2	92.3	92.5	92.6	92.6	93.2	93.6	93.9	
GE 700	55.6	58.9	77.8	83.4	84.5	85.8	89.8	90.5	92.7	92.9	93.0	93.0	93.6	94.0	94.3	
GE 600	55.6	58.9	78.0	83.5	84.7	85.9	90.0	90.7	92.9	93.0	93.2	93.2	93.7	94.1	94.6	
GE 500	55.6	58.9	78.0	83.5	84.7	85.9	90.1	90.8	93.3	93.6	93.7	93.9	94.4	94.8	95.4	
GE 400	55.6	58.9	78.0	83.5	84.7	86.1	90.2	90.9	93.4	93.7	94.0	94.4	95.0	95.4	96.2	
GE 300	55.6	58.9	78.0	83.5	84.7	86.1	90.4	91.2	93.7	94.0	94.3	94.8	95.4	96.1	96.9	
GE 200	55.6	58.9	78.0	83.5	84.7	86.1	90.4	91.2	93.7	94.0	94.3	94.8	95.4	96.2	98.2	
GE 100	55.6	58.9	78.0	83.5	84.7	86.1	90.4	91.2	93.7	94.0	94.3	94.8	95.5	96.4	98.9	
GE 0	55.6	58.9	78.0	83.5	84.7	86.1	90.4	91.2	93.9	94.1	94.7	95.3	96.4	97.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.3	28.6	33.5	34.4	34.4	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	
GE 20000	33.5	34.0	39.2	40.1	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	
GE 18000	34.6	35.0	40.2	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	
GE 16000	34.6	35.0	40.2	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	
GE 14000	35.0	35.5	40.7	41.5	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	
GE 12000	35.6	36.2	41.5	42.4	42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	
GE 10000	37.4	38.0	43.8	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	
GE 9000	38.3	39.0	45.0	45.8	45.8	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	
GE 8000	42.3	43.2	49.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	
GE 7000	43.2	44.5	50.9	51.9	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	
GE 6000	43.5	44.8	51.2	52.2	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	
GE 5000	46.4	47.9	55.0	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	
GE 4500	48.7	50.6	58.3	59.3	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	
GE 4000	52.2	54.2	63.2	64.4	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	
GE 3500	61.4	63.5	73.9	75.2	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
GE 3000	72.8	75.6	87.8	89.9	90.1	90.2	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	
GE 2500	74.3	77.3	89.5	91.5	91.7	92.0	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	
GE 2000	76.1	79.2	92.0	94.1	94.2	94.5	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
GE 1800	76.1	79.2	92.0	94.1	94.2	94.5	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
GE 1500	76.7	80.0	94.1	96.3	96.4	96.7	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
GE 1200	76.7	80.0	94.2	96.4	96.6	96.9	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
GE 1000	77.0	80.3	95.0	97.3	97.6	97.9	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 900	77.0	80.3	95.0	97.3	97.6	97.9	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 800	77.0	80.3	95.4	97.8	98.1	98.4	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 700	77.0	80.3	95.4	97.8	98.1	98.4	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 600	77.0	80.3	95.7	98.1	98.4	98.7	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 500	77.0	80.3	95.7	98.1	98.4	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 400	77.0	80.3	95.7	98.1	98.4	98.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 300	77.0	80.3	95.7	98.1	98.4	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	77.0	80.3	95.7	98.1	98.4	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	77.0	80.3	95.7	98.1	98.4	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	77.0	80.3	95.7	98.1	98.4	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 674

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): 1500-1700

CEILING IN FLET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.9	31.3	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	
GE 20000	37.9	38.3	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 18000	38.8	39.1	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 16000	38.8	39.1	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 14000	39.4	39.9	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 12000	40.8	41.3	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 10000	44.3	44.8	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 9000	45.8	46.4	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 8000	49.6	50.4	54.7	54.9	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 7000	52.2	53.1	57.4	57.6	57.6	57.6	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 6000	52.6	53.4	57.7	57.9	57.9	57.9	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 5000	57.2	58.2	62.9	63.1	63.1	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 4500	59.1	60.1	65.7	65.9	65.9	65.9	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 4000	64.9	66.1	72.5	72.9	72.9	72.9	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 3500	73.5	74.7	82.2	82.5	82.5	83.0	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	80.7	82.0	91.8	92.5	92.5	93.0	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	82.0	83.4	93.2	94.0	94.0	94.5	94.8	94.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	82.4	83.7	94.3	95.3	95.5	96.0	96.3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	82.4	83.7	94.5	95.5	95.7	96.2	96.5	96.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	82.5	84.0	95.3	96.3	96.5	97.0	97.3	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	82.5	84.5	96.0	97.0	97.2	97.8	98.2	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	82.5	84.5	96.5	97.5	97.7	98.3	98.7	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	82.5	84.5	96.7	97.7	97.8	98.5	98.8	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	82.5	84.5	96.7	97.7	97.8	98.5	98.8	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	82.5	84.5	96.7	97.8	98.0	98.7	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	82.5	84.5	96.7	97.8	98.0	98.7	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	82.5	84.5	96.7	97.8	98.0	98.7	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	82.5	84.5	96.7	97.8	98.0	98.7	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	82.5	84.5	96.7	97.8	98.0	98.7	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	82.5	84.5	96.7	97.8	98.0	98.7	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.5	84.5	96.7	97.8	98.0	98.7	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	82.5	84.5	96.7	97.8	98.0	98.7	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 601

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 79-85
MONTH: SEP HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		35.6	38.0	43.6	43.6	43.6	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 20000		41.8	44.7	52.1	52.1	52.7	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 18000		43.4	46.3	53.7	53.7	54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 16000		44.7	47.6	55.1	55.1	55.6	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 14000		45.2	48.1	55.6	55.6	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 12000		45.5	48.4	55.9	55.9	56.4	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 10000		48.1	51.1	58.5	58.5	59.0	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 9000		49.5	52.4	60.1	60.1	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 8000		53.7	56.6	65.7	66.0	66.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 7000		55.9	58.8	67.8	68.1	68.6	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 6000		56.1	59.0	68.1	68.4	68.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 5000		61.2	64.4	73.9	74.2	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4500		63.6	67.0	76.6	77.7	78.5	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 4000		67.6	71.5	83.0	84.0	84.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3500		71.5	75.5	87.0	88.0	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 3000		76.1	80.1	92.0	93.6	94.4	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2500		76.1	80.1	92.0	93.6	94.4	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000		76.9	80.9	93.1	94.7	95.5	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800		77.1	81.4	93.6	95.2	96.0	96.5	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500		77.1	81.4	93.9	96.3	97.1	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200		77.1	81.4	94.1	96.5	97.3	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000		77.1	81.4	95.5	97.9	98.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		77.1	81.4	95.5	97.9	98.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		77.1	81.4	95.5	97.9	98.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		77.1	81.4	95.5	97.9	98.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		77.1	81.4	95.5	97.9	98.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		77.1	81.4	95.5	97.9	98.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		77.1	81.4	95.5	97.9	98.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		77.1	81.4	95.5	97.9	98.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		77.1	81.4	95.5	97.9	98.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		77.1	81.4	95.5	97.9	98.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		77.1	81.4	95.5	97.9	98.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 376

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 77,79-85
MONTH: SEP HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.0	36.0	52.0	54.5	55.0	56.0	56.0	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	
GE 20000	35.5	38.0	56.0	58.5	59.0	61.0	61.0	61.5	62.0	62.0	62.0	62.0	62.0	62.0	62.0	
GE 18000	35.5	38.0	56.0	58.5	59.0	61.0	61.0	61.5	62.0	62.0	62.0	62.0	62.0	62.0	62.0	
GE 16000	36.0	38.5	56.5	59.0	59.5	61.5	61.5	62.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	
GE 14000	36.0	38.5	56.5	59.0	59.5	61.5	61.5	62.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	
GE 12000	37.0	39.5	57.5	60.0	60.5	62.5	62.5	63.0	63.5	63.5	63.5	63.5	63.5	63.5	63.5	
GE 10000	37.5	40.0	58.0	60.5	61.0	63.0	63.0	63.5	64.0	64.0	64.5	64.5	64.5	64.5	64.5	
GE 9000	40.0	42.5	61.0	63.5	64.0	66.0	66.0	66.5	67.0	67.0	67.5	67.5	67.5	67.5	67.5	
GE 8000	45.5	48.0	66.5	69.0	69.5	71.5	71.5	72.0	72.5	72.5	73.0	73.0	73.0	73.0	73.0	
GE 7000	46.0	49.0	68.0	70.5	71.0	73.0	73.0	73.5	74.0	74.0	74.5	74.5	74.5	74.5	74.5	
GE 6000	46.5	49.5	68.5	71.0	71.5	73.5	73.5	74.0	74.5	74.5	75.0	75.0	75.0	75.0	75.0	
GE 5000	48.5	51.5	70.5	73.0	73.5	75.5	75.5	76.0	76.5	76.5	77.0	77.0	77.0	77.0	77.0	
GE 4500	49.0	52.5	72.0	76.0	76.5	78.5	78.5	79.0	79.5	79.5	80.0	80.0	80.0	80.0	80.0	
GE 4000	49.0	53.0	73.5	78.5	79.5	81.5	81.5	82.0	82.5	82.5	83.0	83.0	83.0	83.0	83.0	
GE 3500	53.0	57.0	77.5	83.0	84.0	86.0	86.0	86.5	87.0	87.0	87.5	87.5	87.5	87.5	87.5	
GE 3000	56.0	61.0	82.0	88.5	89.5	92.0	92.0	92.5	93.0	93.0	93.5	93.5	93.5	93.5	93.5	
GE 2500	57.5	62.5	83.5	90.0	91.0	93.5	93.5	94.0	94.5	94.5	95.0	95.0	95.0	95.0	95.0	
GE 2000	57.5	62.5	84.0	90.5	91.5	94.0	94.0	94.5	95.0	95.0	95.5	95.5	95.5	95.5	95.5	
GE 1800	57.5	62.5	84.0	90.5	91.5	94.0	94.0	94.5	95.0	95.0	95.5	95.5	95.5	95.5	95.5	
GE 1500	57.5	62.5	84.0	91.5	92.5	95.0	95.0	95.5	96.0	96.0	96.5	96.5	96.5	96.5	96.5	
GE 1200	57.5	63.0	84.5	93.5	94.5	97.0	97.0	97.5	98.0	98.0	98.5	98.5	98.5	98.5	98.5	
GE 1000	57.5	63.0	85.5	94.5	95.5	98.0	98.0	98.5	99.0	99.0	99.5	99.5	99.5	99.5	99.5	
GE 900	57.5	63.0	85.5	94.5	95.5	98.0	98.0	98.5	99.0	99.0	99.5	99.5	99.5	99.5	99.5	
GE 800	57.5	63.0	85.5	95.0	96.0	98.5	98.5	99.0	99.5	99.5	100.0	100.0	100.0	100.0	100.0	
GE 700	57.5	63.0	85.5	95.0	96.0	98.5	98.5	99.0	99.5	99.5	100.0	100.0	100.0	100.0	100.0	
GE 600	57.5	63.0	85.5	95.0	96.0	98.5	98.5	99.0	99.5	99.5	100.0	100.0	100.0	100.0	100.0	
GE 500	57.5	63.0	85.5	95.0	96.0	98.5	98.5	99.0	99.5	99.5	100.0	100.0	100.0	100.0	100.0	
GE 400	57.5	63.0	85.5	95.0	96.0	98.5	98.5	99.0	99.5	99.5	100.0	100.0	100.0	100.0	100.0	
GE 300	57.5	63.0	85.5	95.0	96.0	98.5	98.5	99.0	99.5	99.5	100.0	100.0	100.0	100.0	100.0	
GE 200	57.5	63.0	85.5	95.0	96.0	98.5	98.5	99.0	99.5	99.5	100.0	100.0	100.0	100.0	100.0	
GE 100	57.5	63.0	85.5	95.0	96.0	98.5	98.5	99.0	99.5	99.5	100.0	100.0	100.0	100.0	100.0	
GE 0	57.5	63.0	85.5	95.0	96.0	98.5	98.5	99.0	99.5	99.5	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 76-85
MONTH: SEP HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		23.4	24.4	29.3	30.3	30.5	31.3	32.0	32.2	32.6	32.8	32.9	33.0	33.4	33.9	35.0
GE 20000		27.7	29.0	34.6	35.8	36.1	37.0	37.8	38.0	38.5	38.7	38.9	38.9	39.4	39.9	41.3
GE 18000		28.3	29.6	35.2	36.5	36.8	37.8	38.5	38.7	39.3	39.5	39.6	39.7	40.1	40.7	42.0
GE 16000		28.6	29.8	35.5	36.8	37.1	38.0	38.8	39.0	39.5	39.7	39.9	39.9	40.4	40.9	42.3
GE 14000		29.1	30.4	36.1	37.4	37.7	38.6	39.4	39.6	40.1	40.3	40.4	40.5	41.0	41.5	42.9
GE 12000		29.7	31.0	36.8	38.1	38.4	39.4	40.2	40.4	40.9	41.1	41.2	41.3	41.8	42.3	43.7
GE 10000		31.4	32.8	38.9	40.3	40.6	41.6	42.4	42.6	43.2	43.3	43.5	43.6	44.0	44.6	46.1
GE 9000		32.5	33.9	40.4	41.8	42.1	43.1	43.9	44.1	44.8	45.0	45.1	45.2	45.7	46.3	47.8
GE 8000		36.0	37.5	44.6	46.1	46.6	47.5	48.4	48.6	49.5	49.6	49.8	49.9	50.6	51.2	52.8
GE 7000		37.4	39.1	46.4	48.1	48.5	49.5	50.5	50.8	51.6	51.8	52.0	52.1	52.8	53.5	55.0
GE 6000		37.7	39.3	46.7	48.4	48.9	49.9	50.9	51.2	52.1	52.3	52.5	52.6	53.3	53.9	55.5
GE 5000		40.5	42.3	50.3	52.3	52.7	53.8	54.9	55.2	56.2	56.4	56.6	56.7	57.5	58.1	59.7
GE 4500		42.3	44.3	52.7	55.0	55.6	56.7	57.7	58.0	59.0	59.2	59.5	59.6	60.3	60.9	62.5
GE 4000		45.6	47.9	57.5	60.1	60.6	61.7	63.1	63.5	64.6	64.8	65.0	65.2	65.9	66.6	68.1
GE 3500		51.6	53.8	64.3	67.0	67.6	68.8	70.1	70.6	71.7	72.0	72.2	72.3	73.1	73.8	75.3
GE 3000		58.1	60.7	72.7	75.9	76.5	77.7	79.5	79.9	81.2	81.4	81.7	81.8	82.7	83.3	84.9
GE 2500		59.7	62.4	74.6	77.9	78.5	80.0	81.7	82.2	83.6	83.8	84.1	84.2	85.1	85.7	87.4
GE 2000		61.2	64.0	77.0	80.6	81.2	82.7	84.6	85.1	86.5	86.8	87.0	87.2	88.0	88.7	90.4
GE 1800		61.4	64.2	77.3	81.0	81.7	83.2	85.1	85.6	87.0	87.2	87.4	87.6	88.4	89.1	90.9
GE 1500		62.2	65.3	79.0	83.0	83.7	85.3	87.2	87.7	89.2	89.4	89.7	89.9	90.7	91.4	93.1
GE 1200		62.5	65.7	79.8	83.8	84.5	86.2	88.2	88.7	90.2	90.4	90.7	90.8	91.7	92.4	94.2
GE 1000		62.7	65.9	80.5	84.8	85.5	87.2	89.2	89.8	91.3	91.5	91.8	72.0	92.8	93.6	95.4
GE 900		62.7	65.9	80.6	84.9	85.6	87.3	89.3	89.9	91.4	91.7	92.0	92.1	93.0	93.7	95.5
GE 800		62.7	65.9	80.7	85.0	85.8	87.5	89.5	90.1	91.6	91.8	92.1	92.3	93.1	93.9	95.7
GE 700		62.7	65.9	80.7	85.1	85.9	87.6	89.6	90.2	91.8	92.0	92.3	92.4	93.3	94.1	95.9
GE 600		62.7	65.9	80.8	85.3	86.1	87.8	89.9	90.5	92.1	92.3	92.6	92.7	93.6	94.4	96.3
GE 500		62.7	65.9	80.8	85.3	86.1	87.9	90.0	90.6	92.2	92.5	92.8	92.9	93.8	94.7	96.7
GE 400		62.7	65.9	80.8	85.3	86.1	87.9	90.0	90.6	92.3	92.6	92.9	93.1	94.0	94.9	97.1
GE 300		62.7	65.9	80.8	85.3	86.1	88.0	90.1	90.7	92.4	92.7	93.0	93.3	94.2	95.2	97.6
GE 200		62.7	65.9	80.8	85.3	86.1	88.0	90.1	90.7	92.4	92.7	93.0	93.3	94.2	95.3	98.2
GE 100		62.7	65.9	80.8	85.3	86.1	88.0	90.1	90.7	92.4	92.7	93.0	93.3	94.2	95.3	98.7
GE 0		62.7	65.9	80.8	85.3	86.1	88.0	90.1	90.7	92.5	92.7	93.1	93.4	94.5	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 3528

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY — PERIOD OF RECORD: 84
MONTH: OCT HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.0	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 20000	40.0	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 18000	40.0	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 16000	40.0	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 14000	40.0	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 12000	40.0	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 10000	40.0	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 9000	40.0	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 8000	40.0	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 7000	40.0	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 6000	40.0	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 5000	40.0	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 4500	40.0	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 4000	40.0	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 3500	40.0	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 3000	60.0	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 2500	60.0	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 2000	60.0	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 1800	60.0	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 1500	60.0	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 1200	60.0	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 1000	60.0	60.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	60.0	60.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	60.0	60.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	60.0	60.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	60.0	60.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	60.0	60.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	60.0	60.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	60.0	60.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	60.0	60.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	60.0	60.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	60.0	60.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80,82,84-85
MONTH: OCT HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL			12.5	12.5	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 20000			12.5	12.5	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 18000			12.5	12.5	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 16000			12.5	12.5	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 14000			12.5	12.5	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 12000			12.5	12.5	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 10000			12.5	12.5	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 9000			12.5	12.5	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 8000			12.5	12.5	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 7000			12.5	12.5	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 6000			12.5	12.5	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 5000			12.5	12.5	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 4500	12.5	12.5	25.0	25.0	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 4000	12.5	12.5	25.0	25.0	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 3500	12.5	12.5	25.0	25.0	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 3000	12.5	12.5	25.0	25.0	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 2500	12.5	12.5	25.0	25.0	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 2000	37.5	37.5	50.0	50.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 1800	37.5	37.5	50.0	50.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 1500	37.5	37.5	50.0	50.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 1200	37.5	37.5	50.0	50.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 1000	37.5	37.5	50.0	50.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 900	37.5	37.5	50.0	50.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 800	37.5	37.5	50.0	50.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 700	37.5	37.5	50.0	50.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 600	37.5	37.5	50.0	50.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 500	37.5	37.5	50.0	50.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 400	37.5	37.5	50.0	50.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 300	37.5	37.5	50.0	50.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	87.5
GE 200	37.5	37.5	50.0	50.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	100.0
GE 100	37.5	37.5	50.0	50.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	100.0
GE 0	37.5	37.5	50.0	50.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 8

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		11.9	13.3	15.3	16.0	16.0	16.4	16.7	17.3	18.7	18.7	19.0	19.4	19.6	20.0	23.6
GE 20000		13.5	15.3	17.6	18.5	18.5	19.1	19.7	20.3	21.6	21.6	21.9	22.4	22.7	23.1	27.0
GE 18000		13.6	15.4	17.8	18.7	18.7	19.3	19.9	20.4	21.8	21.8	22.1	22.5	23.0	23.4	27.3
GE 16000		13.6	15.4	17.8	18.7	18.7	19.3	19.9	20.4	21.8	21.8	22.1	22.5	23.0	23.4	27.3
GE 14000		13.8	15.6	17.9	18.8	18.8	19.4	20.0	20.6	21.9	21.9	22.2	22.7	23.1	23.6	27.4
GE 12000		14.1	15.9	18.2	19.1	19.1	19.7	20.3	20.9	22.2	22.2	22.5	23.0	23.4	23.9	27.7
GE 10000		15.1	17.2	19.6	20.6	20.7	21.5	22.1	22.7	24.0	24.0	24.3	24.7	25.2	25.6	29.5
GE 9000		16.4	18.5	21.3	22.5	22.7	23.6	24.3	24.9	26.2	26.2	26.5	27.0	27.4	27.9	31.7
GE 8000		18.4	21.0	24.7	26.2	26.4	27.6	28.3	28.9	30.5	30.7	31.1	31.7	32.3	32.7	36.7
GE 7000		19.7	22.5	26.8	28.3	28.4	29.6	30.5	31.1	32.7	32.9	33.3	33.9	34.5	35.0	39.0
GE 6000		20.0	22.8	27.1	28.6	28.7	29.9	30.8	31.4	33.0	33.2	33.6	34.2	34.8	35.3	39.3
GE 5000		21.5	24.7	29.8	31.4	31.6	32.7	33.6	34.2	35.9	36.0	36.4	37.0	37.8	38.2	42.2
GE 4500		22.5	25.8	31.0	32.9	33.0	34.4	35.3	35.9	37.5	37.6	38.1	38.7	39.4	39.9	43.9
GE 4000		24.1	27.7	33.3	35.3	35.4	37.0	38.1	38.7	40.3	40.4	40.9	41.5	42.4	42.8	46.8
GE 3500		25.8	29.8	36.6	38.7	39.0	40.9	42.1	42.7	44.4	44.6	45.0	45.6	46.7	47.3	51.3
GE 3000		28.7	33.2	41.6	44.0	44.6	46.8	48.1	48.7	51.0	51.1	51.7	52.4	53.5	54.2	58.2
GE 2500		30.4	35.1	44.3	46.7	47.3	49.6	51.1	51.9	54.7	54.8	55.4	56.1	57.2	57.9	62.1
GE 2000		33.2	38.1	48.4	50.8	51.6	54.7	56.3	57.0	60.4	60.6	61.2	62.1	63.1	63.9	68.1
GE 1800		33.3	38.4	48.9	51.4	52.3	55.6	57.2	57.9	61.3	61.5	62.1	63.0	64.0	64.9	69.2
GE 1500		34.7	40.6	51.9	54.5	55.9	59.1	61.2	62.1	65.6	65.8	66.4	67.3	68.3	69.2	73.5
GE 1200		35.3	41.5	54.4	58.1	59.4	62.7	64.9	65.8	69.3	69.5	70.1	71.0	72.0	72.9	77.2
GE 1000		35.7	42.1	56.1	60.4	61.8	65.0	67.4	68.3	72.1	72.3	72.9	73.8	75.1	76.0	80.3
GE 900		35.7	42.2	57.8	62.1	63.6	67.4	70.2	71.3	75.4	75.6	76.1	77.0	78.4	79.3	83.6
GE 800		35.7	42.2	57.9	62.5	64.1	68.3	71.4	72.6	76.7	76.9	77.5	78.4	79.7	80.6	84.9
GE 700		35.7	42.2	58.1	62.7	64.3	68.4	71.7	72.9	77.0	77.2	77.8	78.7	80.0	80.9	85.3
GE 600		35.7	42.2	58.1	62.8	64.4	68.6	71.9	73.0	77.2	77.3	77.9	78.8	80.1	81.0	86.1
GE 500		35.7	42.2	58.2	63.0	64.6	68.7	72.3	73.5	78.2	78.4	79.0	79.9	81.5	82.5	88.6
GE 400		35.7	42.2	58.2	63.0	64.6	68.7	72.6	73.8	78.7	78.8	79.4	80.3	82.2	83.4	90.1
GE 300		35.7	42.2	58.2	63.0	64.6	68.9	72.7	73.9	78.8	79.0	79.6	80.6	82.8	84.3	92.9
GE 200		35.7	42.2	58.2	63.0	64.6	68.9	72.7	73.9	79.0	79.1	79.9	81.0	83.6	85.3	96.0
GE 100		35.7	42.2	58.2	63.0	64.6	68.9	72.7	73.9	79.0	79.1	79.9	81.2	83.9	85.8	99.4
GE 0		35.7	42.2	58.2	63.0	64.6	68.9	72.7	73.9	79.0	79.1	79.9	81.2	84.0	86.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 675

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105945 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	13.3	13.5	16.3	17.3	17.6	17.9	18.5	18.6	19.2	19.4	19.5	19.5	19.6	19.9	20.9	
GE 20000	16.9	17.4	21.6	23.0	23.3	23.9	24.4	24.6	25.2	25.4	25.5	25.5	25.6	26.1	27.3	
GE 18000	17.2	17.7	21.8	23.3	23.5	24.3	24.8	25.0	25.6	25.7	25.9	25.9	26.0	26.5	27.7	
GE 16000	17.2	17.7	21.8	23.3	23.5	24.3	24.8	25.0	25.6	25.7	25.9	25.9	26.0	26.5	27.7	
GE 14000	17.2	17.7	21.8	23.3	23.5	24.3	24.8	25.0	25.6	25.7	25.9	25.9	26.0	26.5	27.7	
GE 12000	17.7	18.2	22.5	23.9	24.2	25.0	25.5	25.6	26.3	26.4	26.5	26.5	26.7	27.2	28.3	
GE 10000	18.7	19.8	24.3	25.9	26.1	26.9	27.4	27.6	28.2	28.3	28.5	28.5	28.6	29.1	30.3	
GE 9000	19.6	20.7	25.5	27.0	27.3	28.1	28.6	28.7	29.4	29.5	29.6	29.6	29.8	30.3	31.5	
GE 8000	22.1	23.5	28.7	30.6	30.9	32.1	32.8	33.0	33.7	33.8	33.9	33.9	34.1	34.6	35.8	
GE 7000	23.7	25.1	31.1	33.0	33.4	35.0	35.9	36.3	36.9	37.1	37.2	37.2	37.3	37.8	39.0	
GE 6000	25.9	25.5	31.7	33.7	34.1	35.6	36.5	36.9	37.6	37.7	37.8	37.8	38.0	38.5	39.7	
GE 5000	25.1	26.9	33.4	35.5	36.0	37.6	38.8	39.1	39.8	39.9	40.1	40.1	40.2	40.7	41.9	
GE 4500	26.9	28.9	35.5	38.0	38.5	40.1	41.4	41.7	42.4	42.5	42.7	42.7	42.8	43.3	44.5	
GE 4000	30.0	32.4	39.3	41.9	42.4	44.0	45.4	45.8	46.6	46.7	46.8	46.8	46.9	47.5	48.6	
GE 3500	32.0	34.7	42.0	44.7	45.3	47.3	48.9	49.3	50.2	50.3	50.5	50.5	50.6	51.1	52.4	
GE 3000	37.1	40.1	48.5	51.6	52.3	54.5	56.4	56.8	57.7	57.9	58.0	58.0	58.1	58.6	59.9	
GE 2500	39.7	42.8	52.0	55.4	56.0	58.4	60.9	61.6	62.8	62.9	63.1	63.1	63.2	63.8	65.3	
GE 2000	42.8	46.3	56.6	59.9	60.7	63.3	66.2	67.0	68.5	69.1	69.2	69.3	69.6	70.2	71.8	
GE 1800	43.3	46.9	57.5	60.9	61.6	64.2	67.4	68.1	69.7	70.2	70.4	70.5	70.7	71.4	73.0	
GE 1500	46.2	50.2	62.3	66.1	66.8	69.6	73.0	73.7	75.4	76.1	76.2	76.3	76.6	77.2	78.8	
GE 1200	47.2	51.9	65.4	69.3	70.1	73.0	76.5	77.2	78.9	79.6	79.7	80.0	80.2	80.9	82.4	
GE 1000	47.5	52.5	67.1	72.0	73.0	75.8	79.5	80.2	82.2	82.8	83.0	83.2	83.5	84.1	85.7	
GE 900	47.6	52.7	67.5	72.6	73.5	76.3	80.6	81.4	83.4	84.0	84.1	84.4	84.7	85.3	86.9	
GE 800	47.6	52.7	68.0	73.1	74.1	77.2	82.3	83.2	85.2	85.8	86.0	86.2	86.6	87.3	88.8	
GE 700	47.6	52.7	68.0	73.2	74.3	77.4	82.4	83.4	85.4	86.1	86.2	86.6	87.0	87.6	89.3	
GE 600	47.6	52.7	68.0	73.3	74.4	77.9	83.2	84.3	86.5	87.1	87.3	87.6	88.2	88.9	90.9	
GE 500	47.6	52.7	68.1	73.6	74.6	78.2	83.9	85.0	87.5	88.2	88.3	88.8	89.6	90.5	92.8	
GE 400	47.6	52.7	68.1	73.6	74.6	78.2	84.0	85.2	87.9	88.7	88.8	89.5	90.4	91.7	95.3	
GE 300	47.6	52.7	68.1	73.6	74.6	78.2	84.1	85.4	88.3	89.1	89.2	89.9	90.8	92.2	97.0	
GE 200	47.6	52.7	68.1	73.6	74.6	78.2	84.1	85.4	88.3	89.1	89.2	90.0	91.0	93.0	98.8	
GE 100	47.6	52.7	68.1	73.6	74.6	78.2	84.1	85.4	88.3	89.1	89.3	90.1	91.4	93.6	99.7	
GE 0	47.6	52.7	68.1	73.6	74.6	78.2	84.1	85.4	88.3	89.1	89.3	90.1	91.4	93.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 769

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	22.9	23.8	25.7	26.6	26.6	27.1	27.5	27.6	27.8	27.8	27.8	27.8	27.8	27.8	27.8	
GE 20000	28.5	29.6	32.8	33.9	34.0	34.7	35.1	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	
GE 18000	28.6	29.7	32.9	34.0	34.2	34.9	35.3	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	
GE 16000	28.6	29.7	32.9	34.0	34.2	34.9	35.3	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	
GE 14000	28.6	29.7	32.9	34.0	34.2	34.9	35.3	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	
GE 12000	28.7	29.8	33.1	34.2	34.3	35.0	35.4	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	
GE 10000	31.0	32.1	35.7	37.1	37.2	37.9	38.4	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	
GE 9000	31.9	33.1	36.7	38.1	38.2	38.9	39.3	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	
GE 8000	36.4	37.8	42.0	43.7	43.8	44.6	45.0	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	
GE 7000	37.7	39.2	44.2	46.0	46.2	47.0	47.4	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	
GE 6000	38.1	39.7	44.8	46.6	46.7	47.6	48.0	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	
GE 5000	39.9	41.6	46.6	48.7	48.8	49.7	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	
GE 4500	41.1	42.8	47.8	49.9	50.1	50.9	51.3	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	
GE 4000	43.7	45.3	50.9	53.3	53.4	54.3	54.7	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	
GE 3500	51.5	53.3	59.7	62.6	62.8	63.9	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	
GE 3000	59.0	61.2	68.2	71.1	71.3	72.5	72.9	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	
GE 2500	62.1	64.7	72.1	75.3	75.6	77.0	77.5	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
GE 2000	64.7	68.3	76.7	80.1	80.3	82.0	83.7	84.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7	
GE 1800	65.6	69.2	77.7	81.0	81.3	83.0	84.7	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	
GE 1500	67.6	71.5	81.5	84.9	85.4	87.0	88.8	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
GE 1200	68.2	72.4	83.7	87.2	87.9	89.5	91.5	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	
GE 1000	68.6	72.8	84.7	88.3	89.0	90.9	93.0	93.7	94.6	94.6	94.7	94.7	94.7	94.7	94.7	
GE 900	68.8	72.9	85.4	89.7	90.4	92.3	94.8	95.5	96.4	96.4	96.5	96.5	96.5	96.5	96.5	
GE 800	68.8	72.9	85.6	90.0	90.7	92.6	95.3	96.0	96.8	96.8	96.9	96.9	96.9	96.9	96.9	
GE 700	68.8	72.9	85.6	90.4	91.2	93.2	96.0	96.7	97.5	97.5	97.6	97.6	97.6	97.6	97.6	
GE 600	68.8	72.9	85.8	90.8	91.6	93.6	96.4	97.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	
GE 500	68.8	72.9	85.8	90.8	91.6	93.6	96.8	97.6	99.0	99.0	99.3	99.3	99.3	99.3	99.3	
GE 400	68.8	72.9	85.8	90.8	91.6	93.6	96.8	97.6	99.2	99.3	99.6	99.6	99.6	99.6	99.6	
GE 300	68.8	72.9	85.8	90.8	91.6	93.6	96.9	97.8	99.3	99.4	99.7	99.7	99.9	100.0	100.0	
GE 200	68.8	72.9	85.8	90.8	91.6	93.6	96.9	97.8	99.3	99.4	99.7	99.7	99.9	100.0	100.0	
GE 100	68.8	72.9	85.8	90.8	91.6	93.6	96.9	97.8	99.3	99.4	99.7	99.7	99.9	100.0	100.0	
GE 0	68.8	72.9	85.8	90.8	91.6	93.6	96.9	97.8	99.3	99.4	99.7	99.7	99.9	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.4	28.8	30.8	31.1	31.1	31.3	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	
GE 20000	32.7	34.2	36.6	37.1	37.3	37.5	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	
GE 18000	33.6	35.0	37.5	37.9	38.1	38.3	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	
GE 16000	33.7	35.2	37.6	38.1	38.3	38.4	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	
GE 14000	34.2	35.7	38.1	38.6	38.8	38.9	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	
GE 12000	34.4	35.8	38.3	38.8	38.9	39.1	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	
GE 10000	35.8	37.3	40.2	40.7	40.9	41.0	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	
GE 9000	37.6	38.9	41.9	42.3	42.5	42.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	
GE 8000	42.2	43.6	46.9	47.6	47.7	47.9	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	
GE 7000	45.6	47.1	50.7	51.5	51.6	51.8	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	
GE 6000	46.3	47.7	51.3	52.1	52.3	52.4	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	
GE 5000	48.2	49.8	53.9	54.7	54.9	55.2	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	
GE 4500	50.7	52.4	56.8	57.8	58.0	58.3	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	
GE 4000	53.7	55.5	60.4	61.4	61.6	62.5	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	
GE 3500	62.1	64.0	69.9	70.8	71.0	72.0	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	
GE 3000	66.8	69.1	75.9	77.4	77.5	79.0	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	
GE 2500	69.5	71.8	79.3	80.9	81.1	82.6	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	
GE 2000	71.8	75.2	83.9	86.0	86.2	88.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	
GE 1800	72.6	76.1	84.7	86.8	87.0	88.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	
GE 1500	73.8	77.7	87.3	90.2	90.4	92.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	
GE 1200	74.6	78.7	88.9	92.0	92.2	94.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
GE 1000	74.9	79.0	90.2	93.6	93.8	96.1	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 900	75.4	79.5	90.9	94.5	94.6	96.9	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
GE 800	75.6	79.6	91.0	94.8	95.0	97.2	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
GE 700	75.6	79.6	91.0	94.8	95.0	97.2	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
GE 600	75.6	79.6	91.0	95.0	95.1	97.4	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 500	75.6	79.6	91.0	95.0	95.1	97.4	98.9	99.0	99.3	99.5	99.5	99.7	99.7	99.7	99.7	
GE 400	75.6	79.6	91.0	95.0	95.1	97.4	99.2	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	
GE 300	75.6	79.6	91.0	95.0	95.1	97.4	99.2	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	
GE 200	75.6	79.6	91.0	95.0	95.1	97.4	99.2	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	
GE 100	75.6	79.6	91.0	95.0	95.1	97.4	99.2	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	
GE 0	75.6	79.6	91.0	95.0	95.1	97.4	99.2	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 614

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80-85
MONTH: OCT HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.2	28.4	34.2	35.6	37.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.5	38.5	
GE 20000	31.3	34.2	40.0	41.5	42.9	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.7	44.7	
GE 18000	31.3	34.2	40.0	41.5	42.9	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.7	44.7	
GE 16000	31.6	34.5	40.4	41.8	43.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	45.1	45.1	
GE 14000	31.6	34.5	40.4	41.8	43.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	45.1	45.1	
GE 12000	31.6	34.5	40.7	42.2	43.6	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.5	45.5	
GE 10000	33.1	36.4	42.5	44.0	45.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.3	47.3	
GE 9000	33.1	36.4	42.5	44.0	45.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.3	47.3	
GE 8000	36.4	40.0	47.3	48.7	50.2	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	52.0	52.0	
GE 7000	41.8	45.5	53.1	54.5	56.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.8	57.8	
GE 6000	42.2	45.8	53.5	54.9	56.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.2	58.2	
GE 5000	44.4	48.0	56.4	57.8	59.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	61.1	61.1	
GE 4500	46.5	50.2	59.3	60.7	62.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	64.0	64.0	
GE 4000	48.7	52.4	62.2	63.6	65.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.3	67.3	
GE 3500	51.3	55.3	65.1	66.5	68.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.2	70.2	
GE 3000	55.3	60.0	73.1	74.5	76.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.2	78.2	
GE 2500	58.2	64.4	80.0	83.3	85.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.3	87.3	
GE 2000	60.4	66.5	82.9	86.5	89.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.6	91.6	
GE 1800	61.1	67.3	83.6	87.3	90.5	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.4	92.4	
GE 1500	61.8	68.0	84.4	88.4	91.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.5	93.5	
GE 1200	62.9	69.5	86.9	90.9	94.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	96.0	96.0	
GE 1000	62.9	69.5	88.4	92.4	95.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.5	97.5	
GE 900	62.9	69.5	88.4	92.7	96.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.2	98.2	
GE 800	62.9	69.5	88.4	92.7	96.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.5	98.5	
GE 700	62.9	69.5	88.7	93.1	96.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.3	99.3	
GE 600	62.9	69.5	88.7	93.1	96.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.3	99.3	
GE 500	62.9	69.5	88.7	93.8	97.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	
GE 400	62.9	69.5	88.7	93.8	97.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	
GE 300	62.9	69.5	88.7	93.8	97.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	
GE 200	62.9	69.5	88.7	93.8	97.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	
GE 100	62.9	69.5	88.7	93.8	97.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	
GE 0	62.9	69.5	88.7	93.8	97.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 275

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 80-85
MONTH: OCT HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.1	42.3	47.4	48.7	49.4	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	
GE 20000	40.4	45.5	51.3	52.6	53.2	55.1	55.1	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	
GE 18000	40.4	45.5	51.3	52.6	53.2	55.1	55.1	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	
GE 16000	40.4	45.5	51.3	52.6	53.2	55.1	55.1	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	
GE 14000	40.4	45.5	51.3	52.6	53.2	55.1	55.1	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	
GE 12000	40.4	45.5	51.3	52.6	53.2	55.1	55.1	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	
GE 10000	41.7	46.8	52.6	53.8	54.5	56.4	56.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	
GE 9000	41.7	46.8	52.6	53.8	54.5	56.4	56.4	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	
GE 8000	41.7	48.1	53.8	55.1	55.8	57.7	57.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	
GE 7000	44.2	50.6	57.1	58.3	59.0	60.9	60.9	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	
GE 6000	44.2	50.6	57.1	58.3	59.0	60.9	60.9	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	
GE 5000	46.2	52.6	59.0	60.3	60.9	62.8	62.8	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	
GE 4500	48.7	55.1	62.8	64.1	64.7	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	
GE 4000	51.3	57.7	65.4	67.9	68.6	71.2	71.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	
GE 3500	55.1	62.8	71.2	73.7	74.4	76.9	76.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
GE 3000	60.9	68.6	80.1	82.7	83.3	85.9	85.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	
GE 2500	62.8	70.5	82.7	85.9	86.5	89.1	89.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	
GE 2000	64.7	72.4	85.9	89.1	90.4	92.9	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 1800	64.7	72.4	85.9	89.1	90.4	92.9	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 1500	64.7	72.4	85.9	89.1	90.4	92.9	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 1200	64.7	72.4	85.9	89.1	90.4	92.9	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 1000	64.7	72.4	89.1	92.3	93.6	96.2	96.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 900	64.7	72.4	89.1	92.3	93.6	96.2	96.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 800	64.7	72.4	89.1	92.3	93.6	96.2	96.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 700	64.7	72.4	89.1	92.3	94.2	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 600	64.7	72.4	89.1	92.3	94.2	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 500	64.7	72.4	89.1	92.3	94.2	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 400	64.7	72.4	89.1	92.3	94.2	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 300	64.7	72.4	89.1	92.3	94.2	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.7	
GE 200	64.7	72.4	89.1	92.3	94.2	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	100.0	
GE 100	64.7	72.4	89.1	92.3	94.2	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	100.0	
GE 0	64.7	72.4	89.1	92.3	94.2	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 156

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	20.2	21.4	24.0	24.9	25.1	25.6	26.0	26.3	26.7	26.7	26.8	26.9	27.0	27.2	28.2	
GE 20000	24.1	25.7	29.1	30.2	30.5	31.2	31.7	31.9	32.4	32.4	32.5	32.6	32.7	32.9	34.0	
GE 18000	24.4	25.9	29.4	30.5	30.8	31.5	32.0	32.2	32.7	32.7	32.8	32.9	33.0	33.3	34.4	
GE 16000	24.5	26.0	29.5	30.5	30.8	31.6	32.1	32.3	32.7	32.8	32.9	33.0	33.1	33.3	34.4	
GE 14000	24.6	26.1	29.6	30.7	31.0	31.7	32.2	32.4	32.9	32.9	33.0	33.1	33.2	33.5	34.5	
GE 12000	24.9	26.4	29.9	31.0	31.3	32.0	32.5	32.7	33.2	33.2	33.3	33.4	33.5	33.8	34.9	
GE 10000	26.3	28.0	31.8	33.0	33.3	34.1	34.6	34.8	35.3	35.3	35.4	35.5	35.6	35.8	36.9	
GE 9000	27.3	29.0	33.0	34.2	34.5	35.4	35.8	36.1	36.5	36.6	36.7	36.8	36.9	37.1	38.2	
GE 8000	30.5	32.6	37.1	38.5	38.9	39.9	40.4	40.7	41.2	41.3	41.4	41.5	41.7	41.9	43.0	
GE 7000	32.6	34.8	40.0	41.5	41.8	42.9	43.6	43.8	44.4	44.4	44.5	44.7	44.8	45.1	46.2	
GE 6000	33.0	35.3	40.4	42.0	42.3	43.4	44.1	44.3	44.9	44.9	45.0	45.2	45.3	45.6	46.7	
GE 5000	34.7	37.1	42.7	44.3	44.7	45.8	46.5	46.8	47.3	47.4	47.5	47.6	47.8	48.1	49.2	
GE 4500	36.4	38.9	44.7	46.5	46.9	48.1	48.8	49.1	49.6	49.7	49.8	49.9	50.1	50.4	51.5	
GE 4000	39.0	41.6	47.8	49.8	50.3	51.6	52.4	52.7	53.3	53.4	53.5	53.6	53.8	54.2	55.2	
GE 3500	43.5	46.5	53.5	55.6	56.1	57.7	58.6	58.9	59.5	59.6	59.7	59.8	60.1	60.4	61.5	
GE 3000	48.6	51.9	60.3	62.7	63.2	65.1	66.0	66.4	67.1	67.2	67.4	67.5	67.8	68.1	69.2	
GE 2500	51.1	54.7	63.9	66.7	67.3	69.2	70.4	70.9	71.8	71.9	72.0	72.2	72.4	72.8	74.0	
GE 2000	53.8	58.0	68.2	71.1	71.9	74.2	75.8	76.4	77.6	77.7	77.9	78.1	78.4	78.7	80.0	
GE 1800	54.3	58.6	69.0	71.9	72.8	75.1	76.7	77.3	78.5	78.6	78.8	79.0	79.3	79.7	80.9	
GE 1500	56.0	60.8	72.1	75.4	76.4	78.8	80.6	81.2	82.4	82.6	82.8	83.0	83.3	83.7	84.9	
GE 1200	56.8	61.9	74.4	78.0	79.0	81.4	83.3	83.9	85.2	85.4	85.6	85.8	86.1	86.5	87.7	
GE 1000	57.1	62.3	76.0	80.0	81.1	83.6	85.6	86.2	87.7	87.9	88.1	88.4	88.7	89.1	90.3	
GE 900	57.3	62.5	76.7	81.0	82.1	84.7	87.2	87.8	89.4	89.6	89.7	90.0	90.3	90.7	92.0	
GE 800	57.3	62.5	76.9	81.3	82.5	85.3	88.0	88.7	90.3	90.5	90.6	90.9	91.3	91.6	92.9	
GE 700	57.3	62.5	77.0	81.5	82.7	85.6	88.4	89.1	90.6	90.8	91.0	91.3	91.7	92.0	93.4	
GE 600	57.3	62.5	77.0	81.7	82.9	85.9	88.7	89.5	91.1	91.3	91.5	91.8	92.2	92.6	94.1	
GE 500	57.3	62.5	77.1	81.9	83.1	86.0	89.1	89.9	91.9	92.1	92.3	92.7	93.2	93.7	95.5	
GE 400	57.3	62.5	77.1	81.9	83.1	86.0	89.3	90.1	92.2	92.5	92.7	93.0	93.7	94.3	96.5	
GE 300	57.3	62.5	77.1	81.9	83.1	86.1	89.4	90.2	92.3	92.6	92.8	93.2	93.9	94.7	97.7	
GE 200	57.3	62.5	77.1	81.9	83.1	86.1	89.4	90.2	92.4	92.6	92.9	93.4	94.2	95.1	98.9	
GE 100	57.3	62.5	77.1	81.9	83.1	86.1	89.4	90.2	92.4	92.6	92.9	93.4	94.3	95.3	99.8	
GE 0	57.3	62.5	77.1	81.9	83.1	86.1	89.4	90.2	92.4	92.6	92.9	93.4	94.3	95.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 3219

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 84
MONTH: NOV HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 2

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY — PERIOD OF RECORD: 78,84
MONTH: NOV HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000																
GE 4500																
GE 4000																
GE 3500																
GE 3000						33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 2500						33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 2000						33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 1800						33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 1500						33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 1200				66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000				66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900				66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800				66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700				66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600				66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500				66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400				66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300				66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200				66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100				66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0				66.7	66.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	9.9	10.4	13.8	14.9	15.2	15.4	15.9	16.5	16.8	16.8	16.8	17.0	17.0	17.0	18.0	
GE 20000	11.5	12.0	15.5	16.8	17.2	17.3	17.8	18.4	18.8	18.8	18.8	18.9	19.1	19.1	20.2	
GE 18000	11.5	12.0	15.5	16.8	17.2	17.3	17.8	18.4	18.8	18.8	18.8	18.9	19.1	19.1	20.2	
GE 16000	11.5	12.0	15.5	16.8	17.2	17.3	17.8	18.4	18.8	18.8	18.8	18.9	19.1	19.1	20.2	
GE 14000	11.5	12.0	15.5	16.8	17.2	17.3	17.8	18.4	18.8	18.8	18.8	18.9	19.1	19.1	20.2	
GE 12000	12.0	12.5	16.0	17.3	17.6	17.8	18.3	18.9	19.3	19.3	19.3	19.6	19.7	19.7	20.9	
GE 10000	12.9	13.6	17.6	19.1	19.4	19.7	20.2	20.9	21.4	21.4	21.4	21.7	21.8	21.8	23.0	
GE 9000	14.2	14.9	18.9	20.4	20.7	21.0	21.7	22.3	22.8	22.8	22.8	23.3	23.5	23.5	24.6	
GE 8000	16.3	17.0	21.4	22.8	23.1	23.5	24.3	24.9	25.4	25.4	25.4	26.1	26.2	26.4	27.5	
GE 7000	17.2	17.8	22.2	23.8	24.1	24.4	25.2	25.9	26.4	26.4	26.4	27.0	27.2	27.3	28.5	
GE 6000	17.2	17.8	22.2	23.8	24.1	24.4	25.2	25.9	26.4	26.4	26.4	27.0	27.2	27.3	28.5	
GE 5000	17.8	18.4	23.3	24.9	25.2	25.6	26.4	27.0	27.5	27.5	27.5	28.2	28.3	28.5	29.6	
GE 4500	18.9	19.6	24.4	26.2	26.5	26.9	27.7	28.3	28.8	28.8	28.8	29.4	29.6	29.8	30.9	
GE 4000	20.4	21.2	26.7	28.8	29.1	29.8	30.6	31.2	31.7	31.7	31.7	32.4	32.5	32.7	34.3	
GE 3500	23.5	24.3	31.2	33.7	34.1	34.8	35.6	36.2	36.7	36.7	36.7	37.4	37.5	37.7	39.3	
GE 3000	27.8	29.0	37.4	40.1	41.4	42.1	43.2	44.0	44.5	44.5	44.7	45.3	45.5	45.6	47.2	
GE 2500	31.2	32.8	43.5	46.4	48.1	48.7	50.0	50.8	51.3	51.3	51.5	52.1	52.3	52.4	54.0	
GE 2000	32.4	34.1	46.3	49.8	51.5	52.4	54.4	55.5	56.0	56.0	56.3	57.0	57.1	57.3	58.9	
GE 1800	33.0	34.8	47.6	51.5	53.1	54.2	56.1	57.3	57.8	57.8	58.1	58.7	58.9	59.1	60.7	
GE 1500	34.8	37.1	53.1	57.8	59.5	61.2	63.9	65.0	65.7	66.0	66.3	67.0	67.3	67.5	69.1	
GE 1200	36.2	38.8	57.3	62.5	64.2	66.0	69.1	70.2	70.9	71.2	71.5	72.2	72.7	72.8	74.4	
GE 1000	36.9	40.0	59.9	66.5	68.4	70.6	74.3	75.6	76.4	76.7	77.0	77.8	78.3	78.6	80.6	
GE 900	37.9	41.4	62.1	69.6	71.5	73.6	77.5	79.1	80.1	80.4	80.7	81.6	82.0	82.4	84.3	
GE 800	38.0	41.6	62.6	70.2	72.3	74.6	78.5	80.1	81.1	81.4	81.7	82.5	83.0	83.3	85.4	
GE 700	38.5	42.2	64.1	72.0	74.4	77.2	81.2	82.8	83.8	84.1	84.5	85.3	85.8	86.2	88.3	
GE 600	38.5	42.2	64.6	73.0	75.4	78.3	82.5	84.1	85.4	85.8	86.1	86.9	87.4	87.9	90.0	
GE 500	38.5	42.2	65.0	73.8	76.2	79.4	84.0	85.9	87.4	87.7	88.0	88.8	89.6	90.1	92.2	
GE 400	38.5	42.2	65.0	73.9	76.4	79.9	84.5	86.4	88.2	88.5	88.8	89.8	90.9	91.4	93.9	
GE 300	38.8	42.6	65.4	74.3	76.7	80.3	85.0	87.1	89.0	89.5	89.8	90.8	91.9	92.7	95.8	
GE 200	38.8	42.6	65.4	74.3	76.7	80.3	85.0	87.1	89.0	89.5	89.8	90.8	92.2	93.2	97.7	
GE 100	38.8	42.6	65.4	74.3	76.7	80.3	85.0	87.1	89.0	89.5	89.8	90.8	92.4	93.5	99.5	
GE 0	38.8	42.6	65.4	74.3	76.7	80.3	85.0	87.1	89.0	89.5	89.8	90.8	92.4	93.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 618

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	8.1	8.6	11.0	12.4	12.5	13.1	13.1	13.2	13.4	13.5	13.5	13.5	13.9	13.9	14.7	
GE 20000	11.4	12.2	14.7	16.1	16.3	17.0	17.0	17.1	17.7	17.8	17.9	17.9	18.5	18.5	19.5	
GE 18000	11.7	12.7	15.2	16.6	16.7	17.4	17.4	17.5	18.1	18.2	18.4	18.4	18.9	18.9	19.9	
GE 16000	11.8	12.8	15.3	16.7	16.8	17.5	17.5	17.7	18.2	18.4	18.5	18.5	19.1	19.2	20.2	
GE 14000	12.0	12.9	15.9	17.2	17.4	18.1	18.1	18.2	18.8	18.9	19.1	19.1	19.6	19.7	20.7	
GE 12000	13.1	14.0	17.1	18.5	18.6	19.3	19.3	19.5	20.0	20.2	20.3	20.3	20.9	21.0	22.0	
GE 10000	14.3	15.3	18.9	20.3	20.4	21.1	21.1	21.4	22.0	22.1	22.3	22.3	22.8	22.9	23.9	
GE 9000	14.5	15.4	19.1	20.4	20.7	21.4	21.4	21.8	22.4	22.5	22.7	22.7	23.2	23.4	24.3	
GE 8000	17.0	18.1	22.0	23.5	23.8	24.5	24.5	25.3	26.0	26.1	26.3	26.3	26.8	27.0	28.1	
GE 7000	19.1	20.2	24.1	25.6	25.9	26.6	26.6	27.4	28.1	28.2	28.4	28.4	28.9	29.1	30.2	
GE 6000	19.5	20.6	24.9	26.4	26.7	27.4	27.4	28.2	28.9	29.1	29.2	29.2	29.8	29.9	31.0	
GE 5000	20.3	21.6	26.0	27.5	27.8	28.5	28.5	29.3	30.0	30.2	30.3	30.3	30.9	31.0	32.1	
GE 4500	20.7	22.1	27.0	28.5	28.8	29.5	29.5	30.3	31.2	31.3	31.4	31.4	32.0	32.1	33.2	
GE 4000	22.9	24.3	29.6	31.7	32.0	32.7	32.7	33.7	34.6	34.8	34.9	34.9	35.5	35.6	36.7	
GE 3500	27.0	28.4	35.2	37.8	38.1	39.1	39.1	40.1	41.0	41.2	41.3	41.3	41.9	42.0	43.1	
GE 3000	32.3	34.5	42.6	45.3	45.8	46.7	46.9	48.0	49.2	49.4	49.7	49.7	50.2	50.3	51.5	
GE 2500	34.4	36.7	46.2	49.1	49.5	50.6	51.2	52.3	53.5	53.7	54.0	54.0	54.5	54.7	55.8	
GE 2000	36.7	39.5	51.6	54.8	55.2	56.7	57.7	58.8	60.1	60.2	60.5	60.6	61.2	61.3	62.4	
GE 1800	37.6	40.3	52.7	56.1	56.6	58.1	59.1	60.4	61.6	61.8	62.0	62.2	62.7	62.9	64.0	
GE 1500	39.2	42.4	56.1	59.8	60.6	62.6	64.4	65.8	67.2	67.3	67.6	67.7	68.3	68.4	69.5	
GE 1200	41.0	44.6	60.5	65.0	65.8	67.9	70.2	71.6	73.2	73.3	73.6	73.7	74.3	74.4	75.5	
GE 1000	42.1	45.9	63.0	67.7	68.7	70.9	73.6	75.7	77.3	77.5	77.7	77.9	78.6	78.7	80.0	
GE 900	43.0	46.7	64.3	70.1	71.3	73.7	76.8	78.9	80.9	81.1	81.4	81.5	82.5	82.6	83.9	
GE 800	43.1	47.0	65.5	71.8	73.6	76.2	79.3	81.4	83.7	83.9	84.1	84.3	85.3	85.4	86.6	
GE 700	43.1	47.0	65.9	72.6	75.0	78.2	81.8	83.9	86.2	86.5	86.8	86.9	87.9	88.2	89.4	
GE 600	43.1	47.0	66.1	72.7	75.4	78.9	82.6	84.7	87.2	87.6	87.9	88.2	89.3	89.6	90.8	
GE 500	43.1	47.0	66.3	73.0	75.7	79.4	83.4	85.5	88.3	88.9	89.3	89.6	91.0	91.2	92.5	
GE 400	43.1	47.0	66.5	73.2	75.9	80.0	84.3	86.5	89.7	90.3	90.7	91.0	92.6	92.9	94.6	
GE 300	43.1	47.0	66.5	73.2	75.9	80.1	84.8	87.1	90.5	91.1	91.5	91.8	93.7	94.0	96.7	
GE 200	43.1	47.0	66.5	73.2	75.9	80.1	84.8	87.1	90.5	91.1	91.5	91.8	94.4	94.7	98.1	
GE 100	43.1	47.0	66.5	73.2	75.9	80.1	84.8	87.1	90.5	91.1	91.5	91.8	94.4	95.3	99.9	
GE 0	43.1	47.0	66.5	73.2	75.9	80.1	84.8	87.1	90.5	91.1	91.5	91.8	94.4	95.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	11.4	12.0	16.2	17.6	17.6	17.7	17.7	18.0	18.2	18.3	18.6	18.8	18.9	18.9	18.9	
GE 20000	16.5	17.3	22.4	23.8	23.8	23.9	23.9	24.2	24.4	24.5	24.8	25.0	25.1	25.1	25.1	
GE 18000	16.7	17.4	22.6	23.9	23.9	24.1	24.1	24.4	24.5	24.7	25.0	25.1	25.3	25.3	25.3	
GE 16000	16.7	17.4	22.6	24.1	24.1	24.2	24.2	24.5	24.7	24.8	25.1	25.3	25.4	25.4	25.4	
GE 14000	17.3	18.0	23.3	24.8	24.8	25.0	25.0	25.3	25.4	25.6	25.9	26.0	26.2	26.2	26.2	
GE 12000	17.6	18.3	23.6	25.1	25.1	25.3	25.3	25.6	25.7	25.9	26.2	26.3	26.5	26.5	26.5	
GE 10000	18.2	18.9	24.7	26.3	26.3	26.6	26.6	27.1	27.2	27.4	27.7	27.8	28.0	28.0	28.0	
GE 9000	19.7	20.5	26.3	28.1	28.1	28.4	28.6	29.2	29.3	29.5	29.8	29.9	30.1	30.1	30.1	
GE 8000	21.7	22.7	29.2	31.0	31.0	31.4	32.0	32.8	32.9	33.1	33.4	33.5	33.7	33.7	33.7	
GE 7000	23.9	25.0	31.7	33.7	33.8	34.3	34.9	35.6	35.8	35.9	36.2	36.4	36.5	36.5	36.5	
GE 6000	24.5	25.7	32.5	34.4	34.6	35.0	35.6	36.4	36.5	36.7	37.0	37.1	37.3	37.3	37.3	
GE 5000	27.7	29.0	35.8	37.7	37.9	38.3	38.9	39.7	39.8	40.0	40.3	40.5	40.6	40.6	40.6	
GE 4500	29.6	31.0	37.9	40.3	40.5	40.9	41.5	42.3	42.4	42.6	42.9	43.0	43.2	43.2	43.2	
GE 4000	32.8	34.1	41.1	43.6	43.8	44.2	44.8	45.6	45.7	45.9	46.2	46.3	46.5	46.5	46.5	
GE 3500	37.4	38.9	47.4	49.9	50.1	50.7	51.4	52.2	52.3	52.5	52.8	52.9	53.1	53.1	53.1	
GE 3000	44.1	46.0	56.5	59.5	59.7	60.6	61.8	62.6	63.0	63.2	63.5	63.6	63.8	63.8	63.8	
GE 2500	46.3	48.3	59.4	62.4	62.6	63.8	65.0	65.7	66.2	66.3	66.6	66.8	66.9	66.9	66.9	
GE 2000	49.6	52.0	63.9	66.9	67.2	68.4	69.6	70.4	71.0	71.1	71.4	71.6	71.7	71.7	71.7	
GE 1800	50.7	53.1	65.1	68.1	68.4	69.6	71.0	71.7	72.3	72.5	72.8	72.9	73.1	73.1	73.1	
GE 1500	53.4	56.1	70.1	73.1	73.7	75.2	76.8	78.3	79.4	79.5	79.8	80.0	80.2	80.2	80.2	
GE 1200	54.7	58.2	73.5	76.8	77.6	79.2	81.1	82.6	83.6	83.8	84.1	84.2	84.4	84.4	84.4	
GE 1000	55.6	60.2	76.2	79.8	80.8	82.7	84.8	86.3	87.4	87.7	88.0	88.1	88.3	88.3	88.3	
GE 900	56.4	60.9	77.4	81.5	82.4	84.7	87.1	88.6	89.6	89.9	90.2	90.4	90.7	90.7	90.7	
GE 800	56.5	61.2	78.5	82.7	83.6	86.5	89.2	90.7	91.7	92.0	92.3	92.5	92.8	92.8	92.8	
GE 700	56.5	61.4	78.6	83.2	84.4	87.4	90.4	91.9	92.9	93.2	93.5	93.7	94.1	94.1	94.1	
GE 600	56.5	61.4	78.6	83.2	84.4	87.5	91.3	92.8	93.8	94.1	94.4	94.6	95.0	95.0	95.0	
GE 500	56.5	61.4	78.6	83.2	84.7	88.1	92.5	94.0	95.2	95.5	96.1	96.2	96.7	96.7	96.7	
GE 400	56.5	61.4	78.6	83.2	84.7	88.3	92.9	94.4	95.9	96.2	97.0	97.1	97.6	97.6	98.0	
GE 300	56.5	61.4	78.6	83.2	84.7	88.3	92.9	94.4	96.2	96.5	97.6	97.7	98.3	98.3	99.2	
GE 200	56.5	61.4	78.6	83.2	84.7	88.3	92.9	94.4	96.2	96.5	97.6	97.7	98.3	98.3	99.2	
GE 100	56.5	61.4	78.6	83.2	84.7	88.3	92.9	94.4	96.2	96.5	97.6	97.7	98.3	98.6	100.0	
GE 0	56.5	61.4	78.6	83.2	84.7	88.3	92.9	94.4	96.2	96.5	97.6	97.7	98.3	98.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 665

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
0 CEIL	16.6	18.7	22.7	23.1	23.1	23.1	23.1	23.1	23.2	23.2	23.2	23.2	23.2	23.4	23.4	
GE 20000	20.2	22.3	26.3	29.4	29.4	29.5	29.5	29.5	29.9	29.9	29.9	29.9	29.9	30.1	30.1	
GE 18000	21.3	23.6	29.5	30.6	30.6	30.8	30.8	30.8	31.2	31.2	31.2	31.2	31.2	31.4	31.4	
GE 16000	21.3	23.6	29.5	30.6	30.6	30.8	30.8	30.8	31.2	31.2	31.2	31.2	31.2	31.4	31.4	
GE 14000	21.4	23.8	29.7	30.8	30.8	31.0	31.0	31.0	31.4	31.4	31.4	31.4	31.4	31.5	31.5	
GE 12000	21.6	24.0	29.9	31.2	31.2	31.4	31.4	31.4	31.7	31.7	31.7	31.7	31.7	31.9	31.9	
GE 10000	23.4	25.8	32.1	33.5	33.7	33.9	33.9	33.9	34.2	34.2	34.2	34.2	34.2	34.4	34.4	
GE 9000	24.7	27.0	33.3	34.8	35.0	35.1	35.1	35.1	35.5	35.5	35.5	35.5	35.5	35.7	35.7	
GE 8000	26.7	29.0	36.4	38.0	38.2	38.7	39.1	39.1	39.8	39.8	39.8	39.8	39.8	40.0	40.0	
GE 7000	27.7	30.3	38.2	39.8	40.0	40.7	41.1	41.1	41.8	41.8	41.8	41.8	41.8	42.0	42.0	
GE 6000	28.3	30.8	38.7	40.4	40.5	41.3	41.6	41.6	42.3	42.3	42.3	42.3	42.3	42.5	42.5	
GE 5000	29.5	32.6	40.5	42.2	42.3	43.1	43.4	43.4	44.1	44.1	44.1	44.1	44.1	44.3	44.3	
GE 4500	31.2	34.2	42.5	44.1	44.3	45.0	45.4	45.4	46.1	46.1	46.1	46.1	46.1	46.3	46.3	
GE 4000	35.5	38.6	46.8	48.5	48.6	49.4	49.7	49.7	50.5	50.5	50.5	50.5	50.5	50.6	50.6	
GE 3500	41.3	44.5	54.1	55.7	55.9	56.6	57.1	57.1	57.8	57.8	57.8	57.8	57.8	58.0	58.0	
GE 3000	49.4	52.8	63.4	65.0	65.2	66.1	66.7	66.7	67.4	67.4	67.4	67.4	67.4	67.6	67.6	
GE 2500	50.8	54.6	67.0	68.8	69.2	70.1	70.8	70.8	71.5	71.5	71.5	71.5	71.5	71.7	71.7	
GE 2000	53.5	57.8	71.7	73.5	74.1	75.0	75.7	75.7	76.8	76.8	76.8	76.8	76.8	76.9	76.9	
GE 1800	54.2	58.9	73.3	75.1	75.7	76.6	77.3	77.3	78.4	78.4	78.4	78.4	78.4	78.6	78.6	
GE 1500	57.7	62.9	78.9	80.9	81.4	82.7	83.8	83.8	84.9	84.9	84.9	84.9	84.9	85.0	85.0	
GE 1200	58.7	64.3	81.8	83.8	84.3	85.6	86.7	86.8	88.6	88.6	88.6	88.6	88.6	88.8	88.8	
GE 1000	58.9	64.7	83.1	85.4	85.9	87.7	89.0	89.4	91.9	91.9	91.9	91.9	91.9	92.1	92.1	
GE 900	58.9	64.7	83.4	85.8	86.3	88.5	89.7	90.1	92.6	92.6	92.6	92.6	92.6	92.8	92.8	
GE 800	59.1	64.9	84.3	86.7	87.2	89.4	90.6	91.0	93.7	93.7	93.7	93.7	93.7	93.9	93.9	
GE 700	59.1	65.2	84.7	87.2	87.7	89.9	91.9	92.3	95.0	95.0	95.0	95.0	95.0	95.1	95.1	
GE 600	59.1	65.2	84.9	87.6	88.1	90.3	93.2	93.7	96.4	96.4	96.4	96.4	96.6	96.8	96.8	
GE 500	59.1	65.2	84.9	87.6	88.1	90.5	93.7	94.2	97.5	97.5	97.5	97.5	97.7	97.8	97.8	
GE 400	59.1	65.2	84.9	87.6	88.1	90.5	93.7	94.2	98.2	98.2	98.2	98.2	98.4	98.6	98.6	
GE 300	59.1	65.2	84.9	87.6	88.1	90.5	93.7	94.2	98.7	99.1	99.3	99.3	99.5	99.6	99.6	
GE 200	59.1	65.2	84.9	87.6	88.1	90.5	93.7	94.2	98.7	99.1	99.3	99.3	99.5	99.6	100.0	
GE 100	59.1	65.2	84.9	87.6	88.1	90.5	93.7	94.2	98.7	99.1	99.3	99.3	99.5	99.6	100.0	
GE 0	59.1	65.2	84.9	87.6	88.1	90.5	93.7	94.2	98.7	99.1	99.3	99.3	99.5	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 555

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76,78-85
MONTH: NOV HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	19.1	21.2	32.2	33.9	34.3	34.6	34.6	34.6	34.6	34.6	35.0	35.0	35.3	35.3	35.7	
GE 20000	20.5	22.6	34.3	36.0	36.4	36.7	36.7	36.7	36.7	36.7	37.1	37.1	37.5	37.5	38.9	
GE 18000	20.5	22.6	34.3	36.0	36.4	36.7	36.7	36.7	36.7	36.7	37.1	37.1	37.5	37.5	38.9	
GE 16000	20.5	22.6	34.3	36.0	36.4	36.7	36.7	36.7	36.7	36.7	37.1	37.1	37.5	37.5	38.9	
GE 14000	20.5	22.6	34.3	36.0	36.4	36.7	36.7	36.7	36.7	36.7	37.1	37.1	37.5	37.5	38.9	
GE 12000	20.6	23.0	34.6	37.5	37.8	38.2	38.2	38.2	38.2	38.2	38.5	38.5	38.9	38.9	40.3	
GE 10000	21.2	23.3	35.7	38.5	38.9	39.6	39.6	39.6	39.6	39.6	39.9	39.9	40.3	40.3	41.7	
GE 9000	22.3	24.4	37.1	39.9	40.3	41.0	41.0	41.0	41.0	41.0	41.3	41.3	41.7	41.7	43.1	
GE 8000	22.3	24.4	38.2	41.7	42.0	42.8	43.8	43.8	43.8	43.8	44.2	44.2	44.5	44.5	45.9	
GE 7000	22.3	24.4	38.2	42.4	42.8	44.2	45.2	45.2	45.2	45.2	45.6	45.6	45.9	45.9	47.3	
GE 6000	22.3	24.4	38.2	42.4	42.8	44.2	45.2	45.2	45.2	45.2	45.6	45.6	45.9	45.9	47.3	
GE 5000	23.7	25.8	41.3	45.6	45.9	47.3	48.4	48.4	48.4	48.4	48.8	48.8	49.1	49.1	50.5	
GE 4500	24.4	27.2	42.8	47.0	47.3	48.8	49.8	49.8	49.8	49.8	50.2	50.2	50.5	50.5	51.9	
GE 4000	27.9	30.7	46.6	50.9	51.2	52.7	53.7	53.7	53.7	53.7	54.1	54.1	54.4	54.4	55.8	
GE 3500	28.3	31.1	47.0	51.2	51.6	53.0	54.1	54.1	54.1	54.1	54.4	54.4	54.8	54.8	56.2	
GE 3000	34.3	37.1	56.9	61.1	61.8	63.3	64.3	64.3	64.3	64.3	64.7	64.7	65.0	65.0	66.4	
GE 2500	37.1	42.0	62.2	67.8	68.9	70.3	71.4	71.4	71.4	71.4	71.7	71.7	72.1	72.1	73.5	
GE 2000	39.6	44.9	66.1	72.8	73.9	75.3	76.3	76.3	76.7	76.7	77.0	77.0	77.4	77.4	78.8	
GE 1800	39.6	44.9	66.1	72.8	74.2	75.6	76.7	76.7	77.0	77.0	77.4	77.4	77.7	77.7	79.2	
GE 1500	41.7	47.0	70.0	76.7	78.1	80.2	81.3	81.3	81.6	81.6	82.0	82.0	82.3	82.3	83.7	
GE 1200	42.0	47.3	71.7	78.4	79.9	82.0	83.4	85.2	85.5	85.5	85.9	85.9	86.2	86.2	87.6	
GE 1000	42.0	47.3	74.6	81.3	82.7	84.8	86.2	88.0	89.4	89.4	89.8	89.8	90.1	90.1	91.5	
GE 900	42.0	47.3	74.6	81.3	82.7	85.2	86.6	88.3	90.1	90.1	90.5	90.5	90.8	90.8	92.2	
GE 800	42.0	47.3	74.6	81.3	82.7	85.2	86.6	88.3	90.5	90.5	90.8	90.8	91.2	91.2	92.6	
GE 700	42.0	47.3	74.6	81.3	82.7	85.2	86.9	88.7	90.8	90.8	91.2	91.2	91.5	91.5	92.9	
GE 600	42.0	47.3	74.6	81.6	83.0	85.9	88.3	90.5	92.6	92.6	92.9	92.9	93.3	93.3	94.7	
GE 500	42.0	47.3	74.6	82.0	83.4	86.6	89.0	91.2	93.3	93.3	93.6	93.6	94.0	94.0	95.4	
GE 400	42.0	47.3	74.6	82.0	83.4	86.6	89.0	91.2	93.3	93.3	93.6	93.6	94.0	94.0	95.4	
GE 300	42.0	47.3	74.6	82.0	83.4	86.6	89.0	91.5	94.3	94.3	94.7	94.7	95.1	95.1	96.5	
GE 200	42.0	47.3	74.6	82.0	83.4	86.6	89.0	91.5	94.7	94.7	96.1	96.1	96.5	96.5	98.9	
GE 100	42.0	47.3	74.6	82.0	83.4	86.6	89.0	91.5	94.7	95.1	96.5	96.5	97.2	97.2	99.6	
GE 0	42.0	47.3	74.6	82.0	83.4	86.6	89.0	91.5	94.7	95.1	96.5	96.5	97.2	97.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 283

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76,80-85
MONTH: NOV HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	20.3	22.5	29.7	31.2	31.2	31.9	34.1	34.1	34.8	35.5	35.5	35.5	37.0	37.0	38.4	
GE 20000	21.7	24.6	34.8	36.2	36.2	37.0	39.1	39.1	39.9	40.6	40.6	40.6	42.0	42.0	43.5	
GE 18000	21.7	24.6	34.8	36.2	36.2	37.0	39.1	39.1	39.9	40.6	40.6	40.6	42.0	42.0	43.5	
GE 16000	21.7	24.6	34.8	36.2	36.2	37.0	39.1	39.1	39.9	40.6	40.6	40.6	42.0	42.0	43.5	
GE 14000	21.7	24.6	34.8	36.2	36.2	37.0	39.1	39.1	39.9	40.6	40.6	40.6	42.0	42.0	43.5	
GE 12000	21.7	24.6	35.5	37.0	37.0	37.7	39.9	39.9	40.6	41.3	41.3	41.3	42.8	42.8	44.2	
GE 10000	25.4	28.3	39.1	40.6	40.6	41.3	43.5	44.9	45.7	46.4	46.4	46.4	47.8	47.8	49.3	
GE 9000	25.4	28.3	40.6	42.0	42.0	42.8	44.9	46.4	47.1	47.8	47.8	47.8	49.3	49.3	50.7	
GE 8000	25.4	28.3	41.3	42.8	42.8	43.5	45.7	47.1	47.8	48.6	48.6	48.6	50.0	50.0	51.4	
GE 7000	25.4	28.3	41.3	42.8	42.8	43.5	45.7	47.1	47.8	48.6	48.6	48.6	50.0	50.0	51.4	
GE 6000	25.4	28.3	41.3	42.8	42.8	43.5	45.7	47.1	47.8	48.6	48.6	48.6	50.0	50.0	51.4	
GE 5000	26.8	30.4	44.9	46.4	46.4	47.1	49.3	50.7	51.4	52.2	52.2	52.2	53.6	53.6	55.1	
GE 4500	29.7	34.8	49.3	50.7	50.7	51.4	53.6	55.1	55.8	56.5	56.5	56.5	58.0	58.0	59.4	
GE 4000	30.4	35.5	50.0	51.4	51.4	52.2	54.3	55.8	56.5	57.2	57.2	57.2	58.7	58.7	60.1	
GE 3500	30.4	35.5	50.7	52.9	52.9	53.6	55.8	57.2	58.0	58.7	58.7	58.7	60.1	60.1	61.6	
GE 3000	34.8	40.6	59.4	61.6	61.6	62.3	64.5	65.9	66.7	67.4	67.4	67.4	68.8	68.8	70.3	
GE 2500	37.7	45.7	64.5	66.7	66.7	67.4	69.6	71.0	71.7	72.5	72.5	72.5	73.9	73.9	75.4	
GE 2000	43.5	52.2	72.5	74.6	74.6	75.4	77.5	79.0	79.7	80.4	80.4	80.4	81.9	81.9	83.3	
GE 1800	43.5	52.2	72.5	74.6	74.6	75.4	77.5	79.0	79.7	80.4	80.4	80.4	81.9	81.9	83.3	
GE 1500	47.1	55.8	76.1	78.3	78.3	79.0	81.2	82.6	83.3	84.1	84.1	84.1	85.5	85.5	87.0	
GE 1200	47.8	56.5	77.5	79.7	79.7	81.2	83.3	84.8	85.5	86.2	86.2	86.2	87.7	87.7	89.1	
GE 1000	47.8	56.5	82.6	84.8	84.8	86.2	89.1	90.6	91.3	92.0	92.0	92.0	93.5	93.5	94.9	
GE 900	47.8	56.5	82.6	84.8	84.8	86.2	89.1	90.6	91.3	92.0	92.0	92.0	93.5	93.5	94.9	
GE 800	47.8	56.5	82.6	85.5	85.5	87.0	89.9	91.3	92.0	92.8	92.8	92.8	94.2	94.2	95.7	
GE 700	47.8	56.5	83.3	86.2	86.2	87.7	90.6	92.0	92.8	93.5	93.5	93.5	94.9	94.9	96.4	
GE 600	47.8	56.5	84.1	87.0	87.0	88.4	92.0	93.5	94.2	94.9	94.9	94.9	96.4	96.4	97.8	
GE 500	47.8	56.5	84.1	87.7	87.7	89.1	93.5	94.9	95.7	96.4	96.4	96.4	97.8	97.8	99.3	
GE 400	47.8	56.5	84.1	87.7	87.7	89.1	93.5	94.9	95.7	96.4	96.4	96.4	97.8	97.8	99.3	
GE 300	47.8	56.5	84.1	87.7	87.7	89.1	93.5	94.9	95.7	96.4	96.4	96.4	97.8	97.8	99.3	
GE 200	47.8	56.5	84.1	87.7	87.7	89.1	93.5	94.9	95.7	96.4	96.4	96.4	97.8	97.8	100.0	
GE 100	47.8	56.5	84.1	87.7	87.7	89.1	93.5	94.9	95.7	96.4	96.4	96.4	97.8	97.8	100.0	
GE 0	47.8	56.5	84.1	87.7	87.7	89.1	93.5	94.9	95.7	96.4	96.4	96.4	97.8	97.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 138

OBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
SAFETAC — FROM HOURLY OBSERVATIONS
IR WEATHER SERVICE/MAC

TATION NUMBER: 105945 STATION NAME: FULDA AAF GERMANY — PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
0 CEIL	12.4	13.5	17.6	19.0	19.1	19.4	19.6	19.8	20.0	20.1	20.2	20.3	20.5	20.6	21.1
F 20000	15.6	16.8	22.0	23.3	23.4	23.8	24.0	24.2	24.5	24.6	24.8	24.8	25.1	25.2	25.8
F 18000	15.9	17.2	22.3	23.7	23.8	24.1	24.3	24.6	24.9	25.0	25.1	25.2	25.5	25.5	26.2
F 16000	15.9	17.2	22.4	23.7	23.9	24.2	24.4	24.6	25.0	25.1	25.2	25.3	25.6	25.6	26.3
F 14000	16.1	17.4	22.7	24.1	24.2	24.5	24.7	25.0	25.3	25.4	25.5	25.6	25.9	26.0	26.7
F 12000	16.6	17.9	23.3	24.8	24.9	25.2	25.4	25.7	26.0	26.1	26.2	26.3	26.7	26.7	27.4
F 10000	17.8	19.1	24.9	26.6	26.7	27.2	27.4	27.7	28.1	28.2	28.3	28.4	28.7	28.8	29.5
F 9000	18.8	20.1	26.0	27.7	27.9	28.3	28.6	29.0	29.4	29.5	29.6	29.8	30.1	30.1	30.8
F 8000	20.6	22.0	28.6	30.4	30.6	31.1	31.7	32.2	32.7	32.8	33.0	33.1	33.4	33.5	34.2
F 7000	22.0	23.4	30.2	32.1	32.3	33.0	33.5	34.1	34.6	34.7	34.8	35.0	35.3	35.4	36.1
F 6000	22.3	23.8	30.6	32.6	32.8	33.4	34.0	34.6	35.0	35.1	35.3	35.4	35.7	35.8	36.5
F 5000	23.8	25.5	32.7	34.6	34.8	35.5	36.0	36.6	37.1	37.2	37.3	37.5	37.8	37.9	38.6
F 4500	25.1	26.9	34.3	36.4	36.6	37.2	37.8	38.4	38.9	39.0	39.1	39.3	39.6	39.7	40.4
F 4000	27.8	29.7	37.3	39.6	39.9	40.6	41.1	41.7	42.3	42.4	42.5	42.7	43.0	43.1	43.9
F 3500	31.5	33.5	42.4	45.0	45.2	46.0	46.7	47.3	47.8	47.9	48.0	48.2	48.5	48.6	49.4
F 3000	37.5	39.9	50.6	53.3	53.9	54.8	55.6	56.3	57.0	57.1	57.3	57.4	57.7	57.8	58.6
F 2500	39.9	42.7	54.8	57.8	58.4	59.4	60.4	61.1	61.8	61.9	62.1	62.3	62.6	62.7	63.5
F 2000	42.4	45.7	59.3	62.6	63.3	64.5	65.7	66.4	67.2	67.3	67.6	67.8	68.1	68.2	69.0
F 1800	43.1	46.5	60.4	63.8	64.6	65.8	67.0	67.8	68.6	68.7	69.0	69.2	69.5	69.6	70.4
F 1500	45.5	49.2	65.0	68.7	69.7	71.3	73.0	74.0	75.0	75.2	75.4	75.6	75.9	76.0	76.8
F 1200	46.8	50.9	66.6	72.6	73.6	75.3	77.4	78.5	79.7	79.9	80.1	80.3	80.7	80.8	81.6
F 1000	47.4	52.0	71.1	75.6	76.7	78.7	81.1	82.5	83.9	84.1	84.3	84.6	85.0	85.1	86.0
F 900	48.0	52.6	72.2	77.2	78.4	80.6	83.2	84.6	86.3	86.5	86.7	86.9	87.4	87.6	88.5
F 800	48.1	52.8	73.0	78.2	79.6	82.0	84.6	86.1	87.9	88.1	88.3	88.5	89.0	89.2	90.1
F 700	48.2	53.1	73.5	79.0	80.6	83.3	86.4	87.9	89.6	89.8	90.1	90.3	90.8	91.0	92.0
F 600	48.2	53.1	73.7	79.4	81.1	83.9	87.5	89.0	90.9	91.1	91.4	91.7	92.3	92.5	93.4
F 500	48.2	53.1	73.9	79.7	81.4	84.6	88.5	90.1	92.2	92.5	92.8	93.1	93.8	94.0	95.0
F 400	48.2	53.1	73.9	79.8	81.5	84.8	88.9	90.5	93.0	93.3	93.7	94.0	94.8	95.0	96.2
F 300	48.3	53.1	74.0	79.8	81.6	84.9	89.1	90.8	93.6	94.0	94.5	94.8	95.8	96.0	97.7
F 200	48.3	53.1	74.0	79.8	81.6	84.9	89.1	90.8	93.7	94.1	94.6	94.9	96.1	96.4	98.8
F 100	48.3	53.1	74.0	79.8	81.6	84.9	89.1	90.8	93.7	94.1	94.7	95.0	96.2	96.8	99.8
F 0	48.3	53.1	74.0	79.8	81.6	84.9	89.1	90.8	93.7	94.1	94.7	95.0	96.2	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 2963

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76,84
MONTH: DEC HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 6000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 5000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 4500	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	50.0	50.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	8.0	9.1	12.1	13.7	14.0	15.0	15.3	15.5	16.5	16.5	16.6	16.6	16.6	17.1	17.6	
GE 20000	10.0	11.4	14.4	16.0	16.5	17.5	17.8	17.9	18.9	18.9	19.1	19.1	19.1	19.6	20.1	
GE 18000	10.3	11.7	14.7	16.3	16.8	17.8	18.1	18.3	19.2	19.2	19.4	19.4	19.4	19.9	20.4	
GE 16000	10.3	11.7	14.7	16.3	16.8	17.8	18.1	18.3	19.2	19.2	19.4	19.4	19.4	19.9	20.4	
GE 14000	10.3	11.7	14.7	16.3	16.8	17.8	18.1	18.3	19.2	19.2	19.4	19.4	19.4	19.9	20.4	
GE 12000	10.3	12.1	15.0	16.6	17.1	18.1	18.4	18.6	19.6	19.6	19.7	19.7	19.7	20.2	20.7	
GE 10000	10.4	12.2	15.2	16.8	17.3	18.3	18.6	18.9	19.9	19.9	20.1	20.1	20.1	20.6	21.0	
GE 9000	10.4	12.2	15.2	16.8	17.3	18.3	18.6	18.9	19.9	19.9	20.1	20.1	20.1	20.6	21.0	
GE 8000	10.8	12.6	15.8	17.5	17.9	18.9	19.2	19.6	20.6	20.6	20.7	20.7	20.7	21.2	21.7	
GE 7000	10.9	12.7	16.3	17.9	18.4	19.4	19.7	20.1	21.2	21.2	21.4	21.4	21.4	21.9	22.3	
GE 6000	10.9	12.7	16.3	17.9	18.4	19.4	19.7	20.1	21.2	21.2	21.4	21.4	21.4	21.9	22.3	
GE 5000	11.7	13.7	17.6	19.2	19.7	20.7	21.0	21.4	22.7	22.7	22.8	22.8	22.8	23.3	23.8	
GE 4500	13.7	15.7	19.9	21.9	22.3	23.5	23.8	24.1	25.4	25.4	25.6	25.6	25.6	26.1	26.6	
GE 4000	15.5	17.6	23.0	25.3	25.8	26.9	27.6	27.9	29.2	29.2	29.4	29.4	29.4	29.9	30.5	
GE 3500	19.7	22.2	28.5	30.8	31.3	32.5	33.1	33.4	34.7	34.7	34.9	34.9	34.9	35.4	36.1	
GE 3000	22.8	26.3	33.6	36.4	36.9	38.0	38.8	39.2	40.5	40.5	40.6	40.8	40.8	41.3	41.9	
GE 2500	25.6	29.0	37.8	40.9	41.6	42.7	43.6	43.9	45.2	45.2	45.4	45.5	45.5	46.0	46.7	
GE 2000	30.0	33.9	45.4	49.8	50.4	51.9	52.9	53.3	54.6	54.6	54.8	55.0	55.0	55.5	56.1	
GE 1800	30.7	34.6	46.5	51.2	51.9	53.3	54.3	54.8	56.1	56.1	56.3	56.4	56.4	56.9	57.6	
GE 1500	34.9	39.8	54.2	59.2	60.0	61.7	62.6	63.3	64.8	64.8	64.9	65.1	65.1	65.6	66.2	
GE 1200	35.9	41.3	58.9	65.3	66.1	68.0	69.0	69.7	71.3	71.3	71.5	71.6	71.6	72.1	72.8	
GE 1000	36.7	43.2	63.9	71.0	71.9	74.9	76.2	76.8	78.6	78.6	78.8	79.0	79.0	79.4	80.3	
GE 900	37.0	43.7	65.9	73.2	74.2	77.3	78.8	79.4	81.2	81.2	81.4	81.6	81.6	82.1	82.9	
GE 800	38.0	44.7	68.2	76.0	77.0	80.1	81.7	82.4	84.2	84.2	84.3	84.5	84.5	85.0	86.0	
GE 700	38.0	45.4	70.0	78.1	79.4	82.7	84.5	85.2	86.9	86.9	87.1	87.3	87.3	87.8	88.7	
GE 600	38.0	45.4	70.1	78.5	79.8	83.5	85.5	86.3	88.1	88.1	88.3	88.4	88.4	88.9	89.9	
GE 500	38.0	45.4	70.5	79.6	80.9	85.0	87.1	87.9	89.7	89.7	89.9	90.0	90.4	90.9	92.0	
GE 400	38.0	45.4	70.5	79.6	80.9	85.0	87.4	88.3	90.0	90.0	90.5	90.7	91.5	92.5	93.6	
GE 300	38.0	45.4	70.5	79.6	80.9	85.5	88.3	89.1	91.0	91.0	91.5	92.0	93.8	95.4	97.2	
GE 200	38.0	45.4	70.5	79.6	80.9	85.5	88.3	89.1	91.2	91.2	91.8	92.3	94.8	96.6	98.4	
GE 100	38.0	45.4	70.5	79.6	80.9	85.5	88.3	89.1	91.2	91.2	91.8	92.3	94.8	96.7	99.0	
GE 0	38.0	45.4	70.5	79.6	80.9	85.5	88.3	89.1	91.2	91.2	91.8	92.3	94.8	96.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 613

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	6.7	6.9	9.8	11.3	11.3	11.7	12.8	13.4	14.0	14.0	14.2	14.3	14.3	14.6	14.6	
GE 20000	9.4	9.5	13.4	15.2	15.3	15.7	16.9	17.5	18.2	18.2	18.3	18.6	18.6	19.0	19.7	
GE 18000	10.2	10.3	14.2	16.0	16.1	16.5	18.0	18.7	19.4	19.4	19.6	19.8	19.8	20.2	20.9	
GE 16000	10.3	10.5	14.3	16.3	16.4	16.8	18.3	19.0	19.7	19.7	19.8	20.1	20.1	20.5	21.2	
GE 14000	10.3	10.5	14.3	16.3	16.4	16.8	18.3	19.0	19.7	19.7	19.8	20.1	20.1	20.5	21.2	
GE 12000	10.3	10.5	14.3	16.3	16.4	16.8	18.3	19.0	19.7	19.7	19.8	20.1	20.1	20.5	21.2	
GE 10000	11.2	11.3	15.3	17.2	17.4	17.8	19.3	20.0	20.8	20.8	21.1	21.3	21.3	21.8	22.6	
GE 9000	11.3	11.4	15.6	17.5	17.6	18.0	19.6	20.2	21.1	21.1	21.3	21.6	21.6	22.0	22.9	
GE 8000	12.5	12.8	17.8	19.8	20.0	20.4	21.9	22.6	23.4	23.4	23.7	24.0	24.0	24.5	25.3	
GE 7000	12.9	13.2	18.5	20.7	20.8	21.6	23.3	24.0	24.8	24.8	25.1	25.3	25.3	25.9	26.7	
GE 6000	12.9	13.2	18.5	20.7	20.8	21.6	23.3	24.0	24.8	24.8	25.1	25.3	25.3	25.9	26.7	
GE 5000	14.3	14.6	20.0	22.3	22.5	23.3	24.9	25.6	26.4	26.4	26.9	27.1	27.1	27.7	28.5	
GE 4500	15.8	16.1	21.6	24.1	24.2	25.1	26.7	27.4	28.2	28.2	28.7	28.9	28.9	29.5	30.3	
GE 4000	18.9	19.4	25.1	27.7	27.8	28.7	30.3	31.0	32.0	32.0	32.4	32.6	32.6	33.2	34.0	
GE 3500	23.7	24.4	30.9	33.6	33.9	34.7	36.5	37.2	38.2	38.2	38.6	38.8	38.8	39.4	40.2	
GE 3000	27.7	28.8	37.2	40.5	40.8	41.6	43.5	44.2	45.3	45.3	45.7	46.0	46.0	46.6	47.4	
GE 2500	31.4	32.8	42.3	45.6	45.9	46.8	48.8	49.4	50.7	50.7	51.1	51.4	51.4	51.9	52.8	
GE 2000	37.2	38.8	51.2	54.8	55.2	56.6	59.0	59.8	61.2	61.2	61.6	61.8	61.8	62.4	63.2	
GE 1800	37.7	39.7	52.6	56.3	56.9	58.3	60.6	61.4	62.8	62.8	63.2	63.5	63.5	64.0	64.9	
GE 1500	41.3	43.8	56.5	62.7	63.2	64.6	67.2	68.3	70.1	70.1	70.5	70.8	70.8	71.3	72.2	
GE 1200	43.5	46.1	63.2	67.6	68.3	70.1	72.7	73.8	75.9	76.0	76.4	76.7	76.7	77.3	78.1	
GE 1000	45.9	49.3	67.6	72.9	73.6	75.5	78.1	79.2	81.4	81.7	82.2	82.5	82.6	83.2	84.0	
GE 900	46.3	49.9	69.1	74.8	75.5	77.5	80.3	81.5	83.7	84.0	84.6	84.8	85.0	85.5	86.4	
GE 800	46.3	49.9	70.9	76.9	77.5	80.0	83.1	84.3	86.5	86.8	87.3	87.6	87.7	88.3	89.1	
GE 700	46.3	49.9	71.9	78.7	79.3	82.0	85.0	86.2	88.4	88.7	89.3	89.5	89.7	90.2	91.0	
GE 600	46.3	49.9	72.5	79.5	80.2	82.8	85.8	87.2	89.4	89.7	90.4	90.6	91.2	91.7	92.6	
GE 500	46.3	49.9	72.5	79.8	80.6	83.2	86.6	88.0	90.8	91.0	91.7	92.1	92.8	93.4	94.2	
GE 400	46.3	49.9	72.5	80.2	81.0	83.6	87.2	88.7	91.6	92.0	92.7	93.1	93.8	94.4	95.3	
GE 300	46.3	49.9	72.5	80.2	81.0	83.9	87.5	89.1	92.1	92.6	93.4	94.1	95.0	95.9	98.2	
GE 200	46.3	49.9	72.5	80.2	81.0	83.9	87.7	89.5	92.6	93.0	93.8	94.9	95.9	96.7	99.2	
GE 100	46.3	49.9	72.5	80.2	81.0	83.9	87.7	89.5	92.6	93.0	93.8	94.9	96.0	96.8	99.6	
GE 0	46.3	49.9	72.5	80.2	81.0	83.9	87.7	89.5	92.6	93.0	93.8	94.9	96.0	96.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 726

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	9.7	10.1	12.6	14.2	14.2	15.0	16.3	16.4	16.6	16.6	16.6	16.6	16.7	16.7	16.9	
GE 20000	13.2	13.8	17.6	19.4	19.7	20.8	22.1	22.2	22.3	22.3	22.3	22.3	22.5	22.6	22.9	
GE 18000	13.6	14.2	18.1	19.9	20.2	21.3	22.6	22.8	22.9	22.9	22.9	22.9	23.0	23.2	23.5	
GE 16000	13.8	14.3	18.3	20.1	20.4	21.5	22.8	22.9	23.0	23.0	23.0	23.0	23.2	23.3	23.6	
GE 14000	13.9	14.5	18.4	20.2	20.5	21.6	22.9	23.0	23.2	23.2	23.2	23.2	23.3	23.5	23.7	
GE 12000	14.7	15.4	19.5	21.5	21.8	23.0	24.3	24.4	24.6	24.6	24.6	24.6	24.7	24.9	25.1	
GE 10000	17.1	17.8	21.9	23.9	24.2	25.4	26.8	27.1	27.2	27.2	27.2	27.2	27.4	27.5	27.8	
GE 9000	17.7	18.4	22.5	24.4	24.7	26.0	27.4	27.7	27.8	27.8	27.8	27.8	27.9	28.1	28.4	
GE 8000	19.8	20.5	25.8	27.9	28.2	29.5	31.0	31.3	31.5	31.5	31.5	31.5	31.6	31.7	32.0	
GE 7000	20.5	21.3	27.0	29.1	29.4	31.0	32.6	32.9	33.3	33.3	33.3	33.3	33.4	33.6	33.8	
GE 6000	20.6	21.5	27.1	29.2	29.5	31.2	32.7	33.0	33.4	33.4	33.4	33.4	33.6	33.7	34.0	
GE 5000	22.2	23.0	28.7	30.8	31.0	32.7	34.3	34.6	35.0	35.0	35.0	35.0	35.1	35.3	35.5	
GE 4500	24.2	25.1	31.0	33.3	33.6	35.3	36.8	37.1	37.5	37.5	37.5	37.5	37.6	37.8	38.1	
GE 4000	26.8	27.8	35.0	37.2	37.5	39.5	41.2	41.4	41.9	41.9	41.9	41.9	42.0	42.1	42.4	
GE 3500	30.8	31.9	39.7	42.0	42.3	44.7	46.3	46.6	47.1	47.1	47.1	47.1	47.2	47.3	47.6	
GE 3000	36.1	37.8	46.6	49.2	49.4	52.0	53.7	54.2	54.6	54.6	54.6	54.6	54.8	54.9	55.2	
GE 2500	39.3	41.3	51.5	54.1	54.5	57.0	58.7	59.4	59.8	59.8	59.8	59.8	60.0	60.1	60.4	
GE 2000	43.7	46.1	57.4	60.5	61.2	64.0	66.0	67.0	67.6	67.6	67.7	67.7	67.8	68.0	68.3	
GE 1800	45.4	47.8	59.7	62.8	63.5	66.3	68.3	69.2	69.8	69.8	69.9	69.9	70.1	70.2	70.5	
GE 1500	48.7	51.4	64.9	68.5	69.2	72.3	74.6	75.6	76.5	76.5	76.7	76.7	76.8	77.0	77.2	
GE 1200	50.8	53.9	69.2	73.2	73.9	77.0	79.4	80.3	81.3	81.3	81.6	81.6	81.7	81.9	82.2	
GE 1000	52.2	56.5	74.3	78.7	79.4	82.6	85.1	86.2	87.8	87.8	88.2	88.3	88.5	88.6	88.9	
GE 900	52.4	56.7	75.4	80.5	81.2	84.4	87.8	89.0	90.7	90.7	91.2	91.3	91.4	91.6	91.9	
GE 800	52.4	56.7	76.4	81.6	82.3	85.7	89.2	90.4	92.3	92.3	92.7	92.8	93.0	93.1	93.4	
GE 700	52.4	56.7	77.4	82.9	83.6	86.9	90.4	91.7	93.5	93.5	94.0	94.1	94.2	94.4	94.7	
GE 600	52.4	56.7	77.8	83.6	84.3	87.8	91.4	92.7	94.7	94.7	95.1	95.5	95.6	95.8	96.1	
GE 500	52.4	56.7	77.9	83.8	84.7	88.2	92.0	93.7	95.9	95.9	96.3	96.8	97.2	97.5	97.8	
GE 400	52.4	56.7	77.9	83.8	84.7	88.2	92.0	93.7	96.1	96.1	96.5	97.1	97.9	98.2	99.2	
GE 300	52.4	56.7	77.9	83.8	84.7	88.2	92.0	93.7	96.1	96.1	96.5	97.1	97.9	98.2	99.4	
GE 200	52.4	56.7	77.9	83.8	84.7	88.2	92.0	93.7	96.1	96.1	96.5	97.1	97.9	98.2	99.6	
GE 100	52.4	56.7	77.9	83.8	84.7	88.2	92.0	93.7	96.1	96.1	96.5	97.1	97.9	98.2	99.7	
GE 0	52.4	56.7	77.9	84.0	84.8	88.3	92.1	93.8	96.2	96.2	96.6	97.2	98.0	98.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 712

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	12.7	13.7	16.9	17.6	17.9	18.4	19.1	19.1	19.1	19.1	19.3	19.3	19.5	19.5	19.6
GE 20000	16.2	17.9	21.8	23.2	23.9	25.0	25.9	25.9	25.9	25.9	26.1	26.1	26.2	26.2	26.9
GE 18000	16.4	18.1	22.2	23.5	24.2	25.4	26.2	26.2	26.2	26.2	26.4	26.4	26.6	26.6	27.2
GE 16000	16.8	18.4	22.5	23.9	24.5	25.7	26.6	26.6	26.6	26.6	26.7	26.7	26.9	26.9	27.6
GE 14000	16.8	18.4	22.5	23.9	24.5	25.7	26.6	26.6	26.6	26.6	26.7	26.7	26.9	26.9	27.6
GE 12000	17.3	19.0	23.0	24.4	25.0	26.2	27.1	27.1	27.1	27.1	27.2	27.2	27.4	27.4	28.1
GE 10000	18.6	20.5	24.5	25.9	26.7	27.9	28.8	28.8	28.8	28.8	28.9	28.9	29.1	29.1	29.8
GE 9000	20.1	22.2	26.2	27.7	28.6	29.8	30.6	30.6	30.6	30.6	30.8	30.8	31.0	31.0	31.6
GE 8000	22.8	24.9	29.1	30.6	31.5	32.8	33.8	34.0	34.0	34.0	34.2	34.2	34.3	34.3	35.0
GE 7000	23.5	25.7	30.6	32.3	33.2	34.7	35.9	36.0	36.0	36.0	36.2	36.2	36.4	36.4	37.1
GE 6000	23.9	26.1	31.0	32.7	33.5	35.0	36.2	36.4	36.4	36.4	36.5	36.5	36.7	36.7	37.4
GE 5000	24.9	27.1	32.1	33.8	34.7	36.2	37.4	37.6	37.6	37.6	37.7	37.7	37.9	37.9	38.6
GE 4500	26.2	28.6	33.8	35.5	36.4	37.9	39.1	39.3	39.3	39.3	39.4	39.4	39.6	39.6	40.3
GE 4000	29.4	32.0	36.1	39.8	40.6	42.5	43.7	43.8	43.8	43.8	44.0	44.0	44.2	44.2	44.8
GE 3500	32.7	35.7	42.3	44.0	44.8	46.7	48.1	48.2	48.2	48.2	48.4	48.4	48.6	48.6	49.2
GE 3000	38.2	41.6	49.6	51.3	52.3	54.3	56.2	56.5	56.9	56.9	57.0	57.0	57.2	57.2	57.9
GE 2500	40.3	44.0	52.3	54.1	55.2	57.2	59.4	59.7	60.2	60.2	60.4	60.4	60.6	60.6	61.3
GE 2000	44.0	48.1	58.7	60.6	61.6	64.5	66.7	67.0	67.5	67.5	67.7	67.7	67.9	67.9	68.5
GE 1800	44.7	48.9	59.6	61.4	62.4	65.5	67.9	68.2	68.7	68.7	68.9	68.9	69.0	69.0	69.7
GE 1500	48.2	53.0	66.3	68.5	69.9	73.4	76.1	76.8	77.8	77.8	78.0	78.0	78.3	78.3	79.0
GE 1200	49.2	54.7	69.7	71.9	73.3	77.2	80.2	80.9	81.9	81.9	82.2	82.2	82.6	82.6	83.2
GE 1000	49.9	56.0	73.3	75.5	76.8	81.0	84.1	84.8	85.8	85.8	86.1	86.5	87.3	87.3	88.0
GE 900	50.1	56.2	74.5	76.6	78.2	82.4	85.4	86.1	87.1	87.1	87.5	88.0	89.0	89.0	89.7
GE 800	50.4	56.5	75.5	78.2	79.7	84.3	87.8	88.5	89.8	89.8	90.2	90.7	91.7	91.7	92.4
GE 700	50.4	56.7	76.5	79.9	81.6	86.5	90.0	90.7	92.0	92.0	92.4	92.9	93.9	93.9	94.6
GE 600	50.4	56.7	76.6	80.5	82.4	87.5	90.9	91.5	93.1	93.1	93.6	94.1	95.1	95.1	95.8
GE 500	50.4	56.7	76.8	81.0	82.9	87.8	92.0	92.9	94.6	94.6	95.1	95.6	96.8	97.0	97.6
GE 400	50.4	56.7	76.8	81.0	82.9	88.0	92.2	93.2	94.9	94.9	95.4	95.9	97.3	97.5	98.3
GE 300	50.4	56.7	76.8	81.0	82.9	88.0	92.2	93.4	95.3	95.3	95.8	96.3	98.0	98.1	99.5
GE 200	50.4	56.7	76.8	81.0	82.9	88.0	92.4	93.6	95.4	95.4	95.9	96.4	98.1	98.5	100.0
GE 100	50.4	56.7	76.8	81.0	82.9	88.0	92.4	93.6	95.4	95.4	95.9	96.4	98.1	98.5	100.0
GE 0	50.4	56.7	76.8	81.0	82.9	88.0	92.4	93.6	95.4	95.4	95.9	96.4	98.1	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 591

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 77,79-85
MONTH: DEC HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	9.1	11.4	18.6	18.6	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.4	19.8	19.8	19.8	
GE 20000	9.9	12.5	20.2	20.2	21.3	22.4	22.4	22.4	22.4	22.4	22.4	22.8	23.6	23.6	24.0	
GE 18000	9.9	12.5	20.2	20.2	21.3	22.4	22.4	22.4	22.4	22.4	22.4	22.8	23.6	23.6	24.0	
GE 16000	9.9	12.5	20.2	20.2	21.3	22.4	22.4	22.4	22.4	22.4	22.4	22.8	23.6	23.6	24.0	
GE 14000	9.9	12.5	20.2	20.2	21.3	22.4	22.4	22.4	22.4	22.4	22.4	22.8	23.6	23.6	24.0	
GE 12000	9.9	12.5	20.2	20.2	21.3	22.4	22.4	22.4	22.4	22.4	22.4	22.8	23.6	23.6	24.0	
GE 10000	10.6	13.3	20.9	20.9	22.1	23.2	23.2	23.2	23.2	23.2	23.2	23.6	24.3	24.3	24.7	
GE 9000	11.4	14.1	21.7	22.1	23.2	24.3	24.3	24.3	24.3	24.3	24.3	24.7	25.5	25.5	25.9	
GE 8000	14.1	17.1	25.9	26.2	27.4	28.5	28.5	28.5	28.5	28.5	28.5	28.9	29.7	29.7	30.0	
GE 7000	14.8	17.9	28.9	29.3	31.6	32.7	32.7	32.7	32.7	32.7	32.7	33.1	33.8	33.8	34.2	
GE 6000	15.2	18.3	29.3	29.7	31.9	33.1	33.1	33.1	33.1	33.1	33.1	33.5	34.2	34.2	34.6	
GE 5000	16.3	19.4	30.8	31.2	33.5	34.6	34.6	34.6	34.6	34.6	34.6	35.0	35.7	35.7	36.1	
GE 4500	19.8	22.8	34.6	35.0	37.3	38.4	38.4	38.4	38.4	38.4	38.4	38.8	39.5	39.5	39.9	
GE 4000	21.3	24.3	37.6	38.0	40.3	41.4	41.4	41.4	41.4	41.4	41.4	41.8	42.6	42.6	43.0	
GE 3500	22.4	25.5	39.5	39.9	42.2	43.3	43.3	43.3	43.3	43.3	43.3	43.7	44.5	44.5	44.9	
GE 3000	27.0	30.0	45.2	45.6	47.9	49.0	49.0	50.2	50.2	50.2	50.2	50.6	51.3	51.3	51.7	
GE 2500	28.5	31.9	47.5	47.9	51.0	52.5	52.5	53.6	53.6	53.6	53.6	54.0	54.8	54.8	55.1	
GE 2000	33.8	38.4	55.5	56.3	59.7	61.2	61.6	62.7	62.7	62.7	62.7	63.1	63.9	63.9	64.3	
GE 1800	34.6	39.9	57.8	58.6	62.0	63.5	63.9	65.0	65.0	65.0	65.0	65.4	66.2	66.2	66.5	
GE 1500	36.5	42.2	63.1	63.9	67.3	68.8	69.2	70.3	71.9	71.9	71.9	72.2	73.0	73.0	73.4	
GE 1200	36.5	42.2	66.5	67.3	70.7	72.2	73.0	74.1	75.7	75.7	75.7	76.0	76.8	76.8	77.2	
GE 1000	38.8	44.9	71.1	72.2	75.7	77.2	77.9	79.1	80.6	80.6	80.6	82.1	82.9	82.9	83.3	
GE 900	41.1	47.1	74.5	77.2	80.6	83.3	84.0	85.2	86.7	86.7	86.7	88.2	89.0	89.0	89.4	
GE 800	41.1	47.1	76.0	78.7	82.1	84.8	85.6	86.7	88.2	88.2	88.2	89.7	90.5	90.5	90.9	
GE 700	41.1	48.3	77.6	81.4	85.6	88.2	89.0	90.1	91.6	91.6	91.6	93.2	93.9	93.9	94.3	
GE 600	41.1	48.3	77.9	81.7	85.9	88.6	90.5	91.6	93.2	93.2	93.2	94.7	95.4	95.4	95.8	
GE 500	41.1	48.3	78.3	82.1	86.3	89.0	91.3	92.4	93.9	93.9	93.9	95.4	96.2	96.2	96.6	
GE 400	41.1	48.3	78.7	83.3	87.5	90.1	92.4	93.5	95.1	95.1	95.1	96.6	97.3	97.3	97.7	
GE 300	41.1	48.3	78.7	83.3	87.5	90.1	92.4	94.7	96.2	96.2	96.2	97.7	98.5	98.5	99.6	
GE 200	41.1	48.3	78.7	83.3	87.5	90.1	92.4	94.7	96.2	96.2	96.2	97.7	98.5	98.5	99.6	
GE 100	41.1	48.3	78.7	83.3	87.5	90.1	92.4	94.7	96.2	96.2	96.2	97.7	98.5	98.9	100.0	
GE 0	41.1	48.3	78.7	83.3	87.5	90.1	92.4	94.7	96.2	96.2	96.2	97.7	98.5	98.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 263

GLOBAL CLIMATOLOGY BRANCH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC — FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY — PERIOD OF RECORD: 80-85
MONTH: DEC HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	4.7	4.7	10.6	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	16.5
GE 20000	4.7	4.7	11.8	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	17.6
GE 18000	4.7	4.7	11.8	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	17.6
GE 16000	4.7	4.7	11.8	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	17.6
GE 14000	4.7	4.7	11.8	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	17.6
GE 12000	4.7	4.7	11.8	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	17.6
GE 10000	4.7	4.7	14.1	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	20.0
GE 9000	7.1	7.1	16.5	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	22.4
GE 8000	8.2	8.2	22.4	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	28.2
GE 7000	9.4	9.4	23.5	25.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	30.6
GE 6000	9.4	9.4	23.5	25.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	30.6
GE 5000	9.4	9.4	23.5	25.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	30.6
GE 4500	11.8	11.8	29.4	31.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	36.5
GE 4000	11.8	11.8	29.4	31.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	36.5
GE 3500	11.8	11.8	30.6	32.9	35.3	35.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	40.0
GE 3000	14.1	15.3	38.8	43.5	45.9	45.9	47.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	51.8
GE 2500	14.1	15.3	41.2	45.9	48.2	48.2	50.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	55.3
GE 2000	17.6	20.0	45.9	50.6	52.9	52.9	55.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	60.0
GE 1800	17.6	20.0	45.9	50.6	52.9	52.9	55.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	60.0
GE 1500	18.8	21.2	49.4	56.5	58.8	58.8	61.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	65.9
GE 1200	21.2	23.5	55.3	62.4	64.7	64.7	67.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	71.8
GE 1000	25.9	29.4	62.4	69.4	71.8	71.8	74.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	78.8
GE 900	30.6	35.3	68.2	81.2	83.5	83.5	85.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	90.6
GE 800	31.8	37.6	71.8	84.7	87.1	87.1	89.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	94.1
GE 700	31.8	38.8	75.3	88.2	90.6	90.6	92.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	97.6
GE 600	31.8	38.8	75.3	88.2	90.6	90.6	94.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	98.8
GE 500	31.8	38.8	75.3	88.2	90.6	90.6	94.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	98.8
GE 400	31.8	38.8	75.3	88.2	90.6	90.6	94.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	98.8
GE 300	31.8	38.8	75.3	88.2	90.6	90.6	94.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	98.5	100.0
GE 200	31.8	38.8	75.3	88.2	90.6	90.6	94.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	100.0
GE 100	31.8	38.8	75.3	88.2	90.6	90.6	94.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	100.0
GE 0	31.8	38.8	75.3	88.2	90.6	90.6	94.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 85

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD RECORD: 76-85
MONTH: DEC HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	9.0	9.8	13.1	14.4	14.6	15.2	15.9	16.1	16.5	16.5	16.6	16.7	16.8	17.0	17.2	
GE 20000	11.7	12.7	16.8	18.3	18.8	19.7	20.5	20.7	21.1	21.1	21.2	21.3	21.4	21.7	22.3	
GE 18000	12.1	13.1	17.2	18.8	19.2	20.1	21.0	21.3	21.7	21.7	21.8	21.9	22.0	22.2	22.8	
GE 16000	12.2	13.2	17.4	19.0	19.4	20.3	21.2	21.4	21.8	21.8	21.9	22.0	22.2	22.4	23.0	
GE 14000	12.2	13.3	17.4	19.0	19.4	20.3	21.2	21.5	21.9	21.9	22.0	22.1	22.2	22.4	23.0	
GE 12000	12.5	13.7	17.8	19.5	19.9	20.8	21.7	22.0	22.4	22.4	22.5	22.6	22.7	22.9	23.5	
GE 10000	13.7	14.8	19.1	20.7	21.2	22.1	23.1	23.4	23.8	23.8	23.9	24.0	24.2	24.4	25.0	
GE 9000	14.3	15.5	19.8	21.5	21.9	22.9	23.8	24.1	24.5	24.5	24.7	24.8	24.9	25.1	25.8	
GE 8000	15.9	17.2	22.4	24.1	24.6	25.5	26.5	26.9	27.3	27.3	27.4	27.5	27.7	27.9	28.6	
GE 7000	16.5	17.8	23.5	25.3	25.9	27.1	28.2	28.5	29.1	29.1	29.2	29.3	29.4	29.7	30.3	
GE 6000	16.6	18.0	23.7	25.5	26.1	27.3	28.3	28.7	29.2	29.2	29.3	29.4	29.6	29.8	30.5	
GE 5000	17.8	19.2	25.0	26.9	27.5	28.7	29.7	30.1	30.6	30.6	30.8	30.9	31.0	31.3	32.0	
GE 4500	19.7	21.1	27.3	29.3	29.9	31.1	32.2	32.6	33.1	33.1	33.3	33.4	33.5	33.8	34.4	
GE 4000	22.2	23.8	30.8	32.9	33.5	34.9	36.1	36.4	37.0	37.0	37.2	37.3	37.4	37.7	38.3	
GE 3500	25.9	27.7	35.6	37.7	38.3	39.8	41.1	41.4	42.0	42.0	42.2	42.3	42.4	42.7	43.3	
GE 3000	30.3	32.7	41.9	44.4	45.1	46.7	48.1	48.7	49.4	49.4	49.5	49.7	49.8	50.1	50.7	
GE 2500	33.1	35.7	46.0	48.6	49.4	51.0	52.6	53.2	53.9	53.9	54.1	54.2	54.4	54.6	55.3	
GE 2000	37.8	40.8	53.2	56.3	57.3	59.3	61.1	61.8	62.6	62.6	62.8	63.0	63.1	63.4	64.0	
GE 1800	38.6	41.8	54.7	57.9	58.9	60.9	62.7	63.5	64.3	64.3	64.5	64.6	64.8	65.0	65.7	
GE 1500	42.1	45.8	60.9	64.5	65.6	67.8	69.8	70.7	72.0	72.0	72.2	72.4	72.5	72.8	73.5	
GE 1200	43.6	47.7	65.1	69.2	70.3	72.8	74.9	75.8	77.2	77.2	77.5	77.6	77.8	78.1	78.7	
GE 1000	45.1	50.1	69.8	74.2	75.4	78.2	80.4	81.4	83.0	83.1	83.4	83.7	84.0	84.3	85.0	
GE 900	45.7	50.8	71.5	76.6	77.8	80.8	83.3	84.3	85.9	86.0	86.3	86.7	87.0	87.3	88.0	
GE 800	46.0	51.2	73.1	78.5	79.7	82.9	85.6	86.6	88.3	88.4	88.7	89.1	89.4	89.7	90.4	
GE 700	46.0	51.5	74.3	80.3	81.7	85.0	87.8	88.8	90.5	90.6	90.9	91.3	91.6	91.9	92.6	
GE 600	46.0	51.5	74.6	80.9	82.3	85.8	88.7	89.8	91.6	91.7	92.1	92.5	92.9	93.2	94.0	
GE 500	46.0	51.5	74.8	81.4	82.9	86.4	89.7	90.9	92.9	93.0	93.4	93.9	94.5	94.9	95.6	
GE 400	46.0	51.5	74.9	81.6	83.1	86.6	90.0	91.3	93.4	93.5	94.0	94.5	95.4	95.8	96.8	
GE 300	46.0	51.5	74.9	81.6	83.1	86.8	90.3	91.7	94.0	94.1	94.6	95.2	96.4	97.0	98.7	
GE 200	46.0	51.5	74.9	81.6	83.1	86.8	90.4	91.9	94.1	94.2	94.8	95.5	96.8	97.5	99.3	
GE 100	46.0	51.5	74.9	81.6	83.1	86.8	90.4	91.9	94.1	94.2	94.8	95.5	96.9	97.6	99.6	
GE 0	46.0	51.5	74.9	81.7	83.1	86.8	90.4	91.9	94.2	94.3	94.8	95.5	96.9	97.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 2992

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-86
MONTH: ALL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		19.6	20.7	24.1	25.2	25.4	26.0	26.5	26.9	27.5	27.6	27.6	27.7	27.9	28.1	28.5
GE 20000		23.7	25.1	29.2	30.4	30.7	31.4	32.0	32.4	33.0	33.2	33.2	33.4	33.6	33.8	34.4
GE 18000		24.2	25.5	29.7	30.9	31.2	31.9	32.5	32.9	33.6	33.7	33.8	33.9	34.1	34.3	34.9
GE 16000		24.3	25.7	29.8	31.1	31.4	32.1	32.7	33.1	33.8	33.9	34.0	34.1	34.3	34.5	35.1
GE 14000		24.6	26.0	30.2	31.5	31.8	32.4	33.1	33.5	34.1	34.3	34.3	34.5	34.7	34.9	35.5
GE 12000		25.1	26.5	30.8	32.2	32.4	33.1	33.8	34.2	34.8	35.0	35.0	35.2	35.4	35.6	36.2
GE 10000		26.7	28.2	32.7	34.1	34.4	35.1	35.8	36.2	36.9	37.0	37.1	37.3	37.5	37.7	38.3
GE 9000		27.8	29.3	34.0	35.5	35.8	36.6	37.3	37.7	38.4	38.5	38.6	38.8	39.0	39.2	39.8
GE 8000		30.6	32.3	37.6	39.3	39.6	40.4	41.2	41.7	42.5	42.7	42.8	42.9	43.2	43.5	44.1
GE 7000		32.4	34.2	39.9	41.7	42.0	42.9	43.8	44.3	45.1	45.3	45.4	45.5	45.8	46.1	46.7
GE 6000		32.7	34.5	40.2	42.0	42.4	43.3	44.1	44.7	45.5	45.6	45.8	45.9	46.2	46.5	47.1
GE 5000		34.5	36.5	42.5	44.4	44.8	45.7	46.5	47.1	47.9	48.1	48.2	48.4	48.7	48.9	49.5
GE 4500		36.5	38.5	44.8	46.8	47.2	48.1	49.0	49.6	50.4	50.6	50.7	50.9	51.2	51.4	52.0
GE 4000		40.2	42.4	49.4	51.5	51.9	52.9	53.9	54.5	55.4	55.6	55.7	55.9	56.2	56.4	57.1
GE 3500		45.3	47.6	55.3	57.5	58.0	59.2	60.2	60.8	61.8	61.9	62.1	62.2	62.6	62.8	63.5
GE 3000		51.7	54.5	63.5	66.1	66.6	67.9	69.1	69.8	70.9	71.0	71.2	71.4	71.7	72.0	72.7
GE 2500		53.9	57.0	66.7	69.5	70.1	71.5	72.8	73.5	74.7	74.8	75.0	75.2	75.6	75.8	76.5
GE 2000		56.5	59.8	70.7	73.8	74.5	76.0	77.6	78.4	79.7	79.9	80.1	80.3	80.7	81.0	81.7
GE 1800		56.9	60.3	71.5	74.6	75.4	77.0	78.5	79.3	80.7	80.9	81.1	81.3	81.7	82.0	82.7
GE 1500		58.5	62.3	74.8	78.2	79.1	80.8	82.6	83.5	85.0	85.3	85.5	85.7	86.1	86.4	87.1
GE 1200		59.3	63.4	76.9	80.6	81.6	83.4	85.4	86.3	87.9	88.2	88.4	88.6	89.1	89.3	90.1
GE 1000		59.8	64.1	78.7	82.7	83.7	85.7	87.8	88.9	90.6	90.9	91.2	91.4	91.9	92.1	92.9
GE 900		59.9	64.3	79.3	83.5	84.5	86.6	88.8	89.9	91.7	92.0	92.3	92.5	93.0	93.3	94.0
GE 800		60.0	64.4	79.7	84.0	85.1	87.3	89.6	90.7	92.6	92.8	93.1	93.4	93.9	94.2	94.9
GE 700		60.0	64.5	80.0	84.5	85.6	87.9	90.4	91.5	93.4	93.7	94.0	94.3	94.8	95.1	95.9
GE 600		60.0	64.5	80.2	84.8	85.9	88.3	90.8	92.0	94.0	94.3	94.7	95.0	95.5	95.8	96.6
GE 500		60.0	64.5	80.2	84.9	86.1	88.5	91.2	92.4	94.5	94.8	95.2	95.6	96.2	96.5	97.4
GE 400		60.0	64.5	80.2	85.0	86.1	88.6	91.3	92.6	94.8	95.2	95.6	95.9	96.6	97.0	98.1
GE 300		60.0	64.5	80.2	85.0	86.2	88.6	91.4	92.7	95.0	95.4	95.8	96.2	97.0	97.4	98.7
GE 200		60.0	64.5	80.2	85.0	86.2	88.6	91.4	92.7	95.0	95.4	95.9	96.3	97.1	97.6	99.3
GE 100		60.0	64.5	80.2	85.0	86.2	88.6	91.4	92.7	95.0	95.4	95.9	96.3	97.2	97.7	99.7
GE 0		60.0	64.5	80.2	85.0	86.2	88.6	91.5	92.7	95.1	95.4	95.9	96.3	97.2	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 39137

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 77,80-82
MONTH: JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08				5.6	11.1		5.6				77.8	8.7	18
09-11	4.8			23.8		9.5			4.8	4.8	52.4	7.2	21
12-14	14.3			42.9					14.3		28.6	5.3	7
15-17					9.1	9.1			18.2		63.6	8.6	11
18-20											100.0	10.0	3
21-23											100.0	10.0	1
TOTALS	3.2			12.1	3.4	3.1	.9		6.2	.8	70.4	8.3	61

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 80-83
MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08	5.9				11.8	5.9			5.9		70.6	8.3	17
09-11				15.4		7.7					76.9	8.5	13
12-14	7.7	7.7		7.7						7.7	69.2	7.9	13
15-17	9.1	18.2									72.7	7.5	11
18-20											100.0	10.0	1
21-23													
TOTALS	4.5	5.6		4.6	2.4	2.7			1.2	1.5	77.9	8.4	55

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 77,80-81,83,85
MONTH: MAR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08							5.3				94.7	9.8	19
09-11		5.0			5.0		10.0		15.0		65.0	8.6	20
12-14					13.3	6.7			13.3		66.7	8.6	15
15-17							7.7		15.4		76.9	9.4	13
18-20											100.0	10.0	2
21-23													
TOTALS		1.0			3.7	1.3	4.6		8.7		80.7	9.3	69

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 78,80-82
MONTH: APR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08	4.5	4.5		13.6	4.5					4.5	68.2	7.9	22
09-11	7.7			15.4	7.7		15.4			7.7	46.2	7.0	13
12-14		12.5		12.5					12.5	37.5	25.0	7.4	8
15-17		11.1		11.1	11.1	11.1			11.1		44.4	6.8	9
18-20													
21-23													
TOTALS	3.1	7.0		13.2	5.8	2.8	3.9		5.9	12.4	46.0	7.3	52

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 78,80-81
MONTH: MAY

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05				25.0							75.0	8.3	4
06-08		7.1		14.3	7.1		7.1		7.1		57.1	7.5	14
09-11	22.2	11.1									66.7	6.8	9
12-14	16.7	16.7				33.3			16.7		16.7	4.8	6
15-17		25.0		25.0							50.0	6.0	4
18-20													
21-23													
TOTALS	7.8	12.0		12.9	1.4	6.7	1.4		4.8		53.1	6.7	37

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 80-82
MONTH: JUN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05					100.0							4.0	1
06-08		9.1			9.1	13.6			9.1	9.1	50.0	7.7	22
09-11		8.7		4.3	8.7		4.3		8.7	8.7	56.5	8.0	23
12-14						10.0			35.0	15.0	40.0	8.7	20
15-17					4.8	4.8	19.0		14.3	23.8	33.3	8.2	21
18-20											100.0	10.0	1
21-23													
TOTALS		3.0		.7	20.4	4.7	3.9		11.2	9.4	46.6	7.8	88

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 80-81
MONTH: JUL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05										66.7	33.3	9.3	3
06-08		5.6		5.6					11.1	5.6	72.2	8.8	18
09-11		6.7								13.3	80.0	9.3	15
12-14	6.3	6.3		6.3			6.3		12.5	25.0	37.5	7.6	16
15-17		6.7		6.7	6.7		6.7		6.7	13.3	53.3	8.0	15
18-20										16.7	83.3	9.8	6
21-23										33.3	66.7	9.7	3
TOTALS	.9	3.6		2.7	1.0		1.9		4.3	24.8	60.9	8.9	76

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 80-82,84
MONTH: AUG

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05										100.0		9.0	1
06-08									20.0	10.0	70.0	9.5	10
09-11				5.0	5.0				15.0	15.0	60.0	8.9	20
12-14		14.3				14.3			14.3		57.1	7.7	7
15-17					7.7	23.1			7.7	15.4	46.2	8.1	13
18-20		20.0		20.0							60.0	6.8	5
21-23													
TOTALS		5.7		4.2	2.1	6.2			9.5	23.4	48.9	8.3	56

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 77,80-81,83,85
MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02					25.0						75.0	8.5	4
03-05		6.7			13.3		6.7				73.3	8.3	15
06-08	2.1	4.3		10.6			4.3		6.4	21.3	51.1	8.1	47
09-11	6.7	8.9		6.7	2.2				8.9	6.7	60.0	7.7	45
12-14				14.3	3.6	10.7			10.7	7.1	53.6	8.0	28
15-17		2.6		17.9	2.6	5.1	2.6		20.5	5.1	43.6	7.5	39
18-20		15.2		6.1	6.1	6.1	6.1		12.1	6.1	42.4	7.0	33
21-23		16.7			8.3	8.3	8.3				58.3	7.3	12
TOTALS	1.1	6.8		7.0	7.6	3.8	3.5		7.3	5.8	57.2	7.8	223

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 77,80-82,84-85
MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05											100.0	10.0	2
06-08				7.4	3.7	3.7	3.7		7.4	11.1	63.0	8.7	27
09-11				2.4	2.4	4.8	9.5		7.1	14.3	59.5	8.8	42
12-14				3.6	3.6	14.3	14.3		7.1	3.6	53.6	8.1	28
15-17		14.3		7.1	7.1	21.4				7.1	42.9	6.6	14
18-20													
21-23											100.0	10.0	1
TOTALS		2.4		3.4	2.8	7.4	4.6		3.6	6.0	69.8	8.7	114

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 80-83
MONTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08				4.5	9.1				4.5	18.2	63.6	8.9	22
09-11	6.3				6.3	6.3	6.3		6.3	12.5	56.3	8.2	16
12-14							20.0			30.0	50.0	8.9	10
15-17				10.0						10.0	80.0	9.2	10
18-20											100.0	10.0	1
21-23											100.0	10.0	1
TOTALS	1.1			2.4	2.6	1.1	4.4		1.8	11.8	75.0	9.2	60

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 76,80-82,84
MONTH: DEC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08											100.0	10.0	21
09-11										11.8	88.2	9.9	17
12-14										7.1	92.9	9.9	14
15-17					5.6				5.6	11.1	77.8	9.4	18
18-20											100.0	10.0	1
21-23													
TOTALS					1.1				1.1	6.0	91.8	9.8	71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY

PERIOD OF RECORD: 76-78,80-85
MONTH: ALL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

	HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
JAN	ALL	3.2			12.1	3.4	3.1	.9		6.2	.8	70.4	8.3	61
FEB		4.5	5.2		4.6	2.4	2.7			1.2	1.5	77.9	8.4	55
MAR			1.0			3.7	1.3	4.6		8.7		80.7	9.3	69
APR		3.1	7.6		13.2	5.8	2.8	3.9		5.9	12.4	46.0	7.3	52
MAY		7.8	12.0		12.9	1.4	6.7	1.4		4.8		53.1	6.7	37
JUN			3.0		.7	20.4	4.7	3.9		11.2	9.4	46.6	7.8	88
JUL		.9	3.6		2.7	1.0		1.9		4.3	24.8	60.9	8.9	76
AUG			5.7		4.2	2.1	6.2			9.5	23.4	48.9	8.3	56
SEP		1.1	6.8		7.0	7.6	3.8	3.5		7.3	5.8	57.2	7.8	223
OCT			2.4		3.4	2.8	7.4	4.6		3.6	6.0	69.8	8.7	114
NOV		1.1			2.4	2.6	1.1	4.4		1.8	11.8	75.0	9.2	60
DEC						1.1				1.1	6.0	91.8	9.8	71
	TOTALS	1.8	3.9		5.3	4.5	3.3	2.4		5.5	8.5	64.9	8.4	962

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PSYCHROMETRIC SUMMARIES

PART 4

In this section are presented various summaries of dry and wet-bulb temperatures, dewpoints, and relative humidity. The order and manner of repsentations follows:

1. Cumulative percentage frequency of occurrence--Derived from available hourly observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths, of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

4

   a. Daily HIGH temperatures (for available observations)
   b. Daily LOW temperatures (for available observations)
   c. Daily mean temperatures (high + low temperatures divided by two)

2. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

This summary has been temporarily discontinued for the LISOCS pending the advent of RUSSWO-2 in mid 1986.

MEAN	*	34.3	37.6	45.4	54.1	62.2	68.9	[illegible]	[illegible]	7.263	6.029	7.673	8.018	15.811
S D	*	8.340	7.567	8.226	9.579	8.588	8.733	8.887	7.602	7.263	6.029	7.673	8.018	6472
TOTAL OBS	*	557	503	581	560	566	547	541	567	521	545	491	489	

3. Means and standard deviations--These tabulations are derived from available hourly observations and present the mean, standard deviation, and total number of observations for the 3-hour groups, by month and annual and again at the bottom for all hours combine. Summaries for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, AND DEWPOINT TEMPERATURE.

4. Cumulative percentage frequency of occurrence of relative humidity--This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10 percent classes, plus the mean relative humidity and total number of observations presented by month and available 3-hour groups.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

105445 FULDA AAF GERMANY 60-70, 73-86

STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90						.2	1.5	1.1					.2
85				.2	.4	3.5	7.9	4.1	.4				1.4
80				.4	2.8	11.7	21.6	15.0	3.8				4.7
75				1.4	9.7	29.6	35.3	32.8	11.8	1.1			13.4
70			.5	6.4	21.4	48.6	53.4	57.5	30.9	5.3			19.0
65			3.1	14.1	34.3	65.8	72.3	76.7	51.0	15.2	.2		28.3
60		.2	5.7	29.3	58.7	84.3	91.7	95.4	78.7	28.3	1.0		40.2
55		2.2	13.8	46.4	81.6	95.4	99.6	99.8	94.9	54.1	7.3	.8	55.6
50	1.8	6.8	26.7	62.9	95.4	99.6	100.0	100.0	99.8	76.5	21.4	5.7	69.0
45	11.0	18.7	53.9	82.5	99.3	100.0			100.0	92.8	42.6	13.3	88.8
40	26.0	36.2	75.2	95.7	99.6					98.9	65.2	27.2	97.8
35	53.9	65.4	92.4	99.8	100.0					100.0	86.2	59.7	98.6
30	74.1	86.5	98.6	100.0							95.1	81.6	99.8
25	88.7	97.6	99.7								99.8	91.6	99.2
20	93.4	99.4	100.0								100.0	96.7	99.1
15	97.7	99.8										99.0	99.7
10	99.6	100.0										99.8	100.0
5	100.0												100.0
0												100.0	100.0
MEAN	34.3	37.6	45.4	54.1	62.2	68.9	71.4	71.2	65.6	55.6	42.9	35.9	53.8
S D	8.340	7.567	8.226	9.529	8.588	8.733	8.887	7.602	7.263	8.029	7.673	8.014	15.811
TOTAL OBS	557	503	581	560	566	547	541	567	525	545	491	489	6472

USAFETAC FORM JUL 64 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
105445 FULDA AAF GERMANY 60-70, 73-86
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
65						.2	1.5	.2					.2
60					.5	6.2	11.3	9.7	3.6	.4			2.7
55			.2		6.5	30.0	43.4	41.1	19.0	5.0	.6		12.4
50			1.0	5.2	26.0	64.9	81.0	75.6	49.7	18.2	3.1	.6	27.5
45	1.3	1.2	6.0	19.6	54.9	89.0	97.0	92.4	76.2	45.1	11.6	3.7	42.1
40	6.5	6.2	17.0	36.2	79.2	97.8	99.3	99.3	91.4	66.6	29.7	10.2	53.9
35	27.5	22.3	45.3	67.5	95.4	99.8	100.0	100.0	98.7	87.3	52.1	29.7	69.5
33	37.9	30.8	56.5	80.4	97.9				99.6	91.6	61.9	45.0	75.7
30	53.7	50.1	74.0	92.3	99.8	100.0			100.0	96.9	79.8	60.3	84.3
25	67.5	67.6	88.3	98.6	100.0					99.8	91.6	73.0	90.8
20	77.4	80.9	95.2	100.0						100.0	98.0	84.5	94.8
15	85.3	89.9	98.5								99.4	90.6	97.0
10	93.2	94.8	99.3								100.0	97.1	98.7
5	97.1	97.2	99.5									99.2	99.4
0	98.6	98.6	100.0									99.6	99.7
-5	99.5	99.6										99.8	99.9
-10	99.8	100.0										100.0	100.0
-15	100.0												100.0
MEAN	27.3	27.3	33.2	38.0	45.0	51.2	53.6	52.8	48.8	42.8	35.2	29.6	40.4
S D	10.586	9.632	7.629	6.402	6.152	5.591	5.026	5.414	6.261	7.146	7.629	9.357	12.027
TOTAL OBS	557	573	581	560	566	547	541	567	525	545	491	489	6472

USAFETAC FORM JUL 64 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

10544S FULDA AAF GERMANY 60-70, 73-86

STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
80							.2						.0
75						.0	2.8	.7					.3
70					.5	3.7	13.9	9.3	1.3				3.6
65				.4	5.3	26.9	37.2	33.7	11.0	1.1			9.8
60				3.6	18.9	56.7	66.2	67.7	33.1	6.4	.2		21.5
55			2.1	12.3	42.2	84.1	93.5	94.2	69.9	23.3	1.4		35.8
50		1.6	8.8	33.6	75.1	96.3	100.0	99.8	93.9	48.8	8.6	2.2	48.2
45	3.6	5.8	23.8	58.4	94.9	100.0		100.0	99.8	74.7	23.6	7.4	58.5
40	17.6	18.5	50.3	80.5	99.3				100.0	94.9	47.5	19.4	69.9
35	40.0	44.7	77.6	97.5	100.0					99.4	75.6	47.6	82.5
30	63.6	67.2	93.1	99.8						100.0	91.4	73.8	92.8
25	76.1	83.9	98.3	100.0							97.8	84.9	95.2
20	87.6	94.2	99.8								99.8	92.6	97.9
15	94.3	97.8	100.0								100.0	97.3	99.1
10	98.0	99.6										99.4	99.8
5	99.1	100.0										99.8	99.9
0	99.8												100.0
-5	100.0											100.0	100.0
MEAN	31.0	32.7	39.6	46.3	53.9	63.4	62.8	62.3	57.5	49.4	39.3	33.0	47.4
S D	9.231	7.988	6.908	6.914	6.236	6.160	5.945	5.198	5.422	6.571	7.225	8.477	13.396
TOTAL OBS	557	503	581	560	566	547	541	567	525	545	491	489	6472

USAFETAC FORM JUL 64 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 60-85

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
						-M-O-N-T-H-S-							
60									*75	*74	*59	*48	
61	*47	*52	*68	*73	*72	*86	*83	*85	*88	*73	*56	*57	*88
62	*48	*45	*53	78	*74	82	*83	88	*75	78	*63	*41	88
63	*36	*39	55	*67	*75	77	*88	91	*77	62	*61	*44	91
64	*39	*54	55	77	*81	88	*92	93	*82	*69	*54	*51	93
65	*49	38	65	67	77	82	83	80	75	69	55	*52	83
66	*52	59	57	69	80	85	81	90	80	79	56	48	90
67	53	55	58	67	80	86	89	85	77	70	50	50	89
68	46	46	73	84	*73	79	*86	77	*77	66	*64	*45	*86
69	*46	*45	*55	*72	*84	81	*88	84	*82	72	*55	*34	*88
70	*39	*43	*54	68	*73	*86	*84	82	*75	*73	*57	*46	*86
71	*50	*44	*51	*73	*80	*75	*93	*91	*73	*69	*55	*51	*93
72	*41	*50	*68	*62	*73	*82	*91	*84	*73	*71	*53	*50	*91
73	*44	*42	*66	*64	*77	*86	*87	*86	*86	*73	*51	*42	*87
74	*50	*57	*68	*73	*69	*77	*78	*91	*78	*50	*57	*51	*91
75	*51	*53	*55	*73	*77	*78	*87	*89	*84	*64	*48	*44	*89
76	*48	*46	*60	*69	*82	*91	*89	*82	*73	*69	*57	*44	*91
77	*48	50	66	64	78	86	84	78	78	73	*59	*53	86
78	42	53	68	64	77	82	86	80	*71	73	53	*48	86
79	*35	42	55	68	87	87	77	80	79	72	*52	*55	87
80	*46	52	59	73	73	81	84	81	75	61	*54	*48	84
81	*45	45	64	70	81	82	86	*88	*75	*66	*55	*45	*88
82	*48	*50	*61	*68	*81	*88	*86	*84	*84	*59	*63	*52	*88
83	*54	*48	*55	*70	*73	*84	*93	*84	*79	*73	*57	*55	*93
84	*45	*46	*54	*68	*72	*81	*91	*84	*68	*66	*59	*45	*91
85	*46	*52	*52	*70	*81	*79							
MEAN	47.0	48.9	61.4	70.8	79.1	82.9	83.8	83.8	77.3	70.5	53.5	49.0	49.0
S.D.		6.679	6.153	6.107	4.051	3.252	3.615	5.231	2.066	5.751	2.646		
TOTAL OBS	646	593	669	667	672	661	643	657	621	656	624	632	7741

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 105445 STATION NAME: FULDA AAF GERMANY PERIOD OF RECORD: 60-85

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
60									*35	*37	*28	*21	
61	*12	*29	*30	*38	*32	*41	*38	*42	*39	*32	*17	*5	*5
62	*10	*15	*14	30	*31	32	*44	38	*34	27	*19	*-2	*-2
63	*-6	*-4	1	*24	*36	42	*43	*42	*38	27	*32	*1	*-6
64	*5	*10	16	*31	*37	41	*38	*38	*30	*27	*25	*12	*5
65	*20	12	4	29	31	40	41	40	36	23	11	*24	4
66	*-1	26	24	30	33	42	45	41	37	30	20	21	*-1
67	8	13	27	27	29	36	45	42	39	31	23	11	8
68	-7	10	14	21	*30	39	*45	45	*43	27	*23	*4	-7
69	*12	*10	*21	*25	*36	41	*46	46	*34	36	*21	*-7	*-7
70	*14	*-2	*12	25	*30	37	*41	45	*34	*28	*28	*1	*-2
71	*1	*14	*1	*28	*33	*41	*42	*42	*33	*26	*28	*21	*1
72	*6	*0	*28	*24	*39	*42	*44	*41	*35	*24	*28	*14	*0
73	*14	*19	*28	*28	*32	*41	*46	*42	*39	*30	*23	*14	*14
74	*26	*23	*28	*30	*35	*42	*44	*42	*41	*33	*24	*30	*23
75	*28	*23	*26	*28	*33	*35	*50	*48	*44	*32	*17	*8	*8
76	*1	*19	*14	*24	*35	*44	*46	*44	*39	*35	*28	*0	*0
77	*19	19	21	24	37	35	50	50	33	30	*15	*15	*15
78	21	5	28	24	35	42	42	35	*44	30	21	*8	5
79	*-2	12	28	30	30	48	39	41	32	28	*25	*23	*-2
80	*9	21	25	28	32	45	45	37	39	28	*19	*14	*9
81	*9	14	30	27	34	46	45	*43	*41	*37	*25	*5	*5
82	*-13	*18	*28	*28	*36	*43	*46	*45	*39	*34	*32	*28	*-13
83	*25	*5	*27	*34	*37	*45	*46	*43	*37	*28	*18	*9	*5
84	*10	*10	*21	*28	*34	*43	*48	*50	*37	*36	*28	*30	*10
85	*3	*-6	*25	*27	*37	*45							
MEAN	7.3	14.7	19.8	26.8	32.6	40.4	44.0	41.8	36.0	28.8	18.8	16.0	16.0
S.D.		6.325	9.938	2.994	2.669	4.398	3.338	4.400	2.966	3.250	5.315		
TOTAL OBS	650	601	672	666	673	662	638	653	615	655	628	643	7756

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

10445 FULDA AAF GERMANY 76-86
STATION STATION NAME YEARS

HRS (L.S.T.)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	34.5	36.0	41.0	47.6	48.7	56.0		55.4	52.7	47.4	38.5	39.8	46.6
	S D	5.579				4.379			4.671	5.713	5.941			9.473
	TOTAL OBS	71	1	1	2	19	1		19	16	5	1		176
3-05	MEAN	33.4	21.0	36.4	39.0	46.7	52.3	55.2	54.0	51.1	41.0	34.7		40.3
	S D	6.274		5.061	6.375	6.443	5.264	5.196	5.746	6.130	6.435			9.947
	TOTAL OBS	71	1	17	141	155	117	171	133	194	3	3		971
6-08	MEAN	28.4	27.3	36.8	39.5	48.0	54.8	58.7	55.3	50.3	44.1	37.4	33.0	43.
	S D	10.482	10.177	6.715	6.279	6.073	5.532	5.290	5.593	6.047	7.046	6.827	9.447	12.491
	TOTAL OBS	67	637	722	710	738	693	693	714	657	675	610	611	8134
9-11	MEAN	39.2	39.6	39.9	46.3	55.4	61.4	63.6	62.3	56.4	48.2	38.6	34.3	47.1
	S D	10.175	9.379	6.472	7.99	6.695	7.840	7.964	6.236	6.226	7.245	6.831	6.843	14.567
	TOTAL OBS	791	743	822	778	781	763	774	772	717	769	715	726	9159
12-14	MEAN	41.3	34.2	44.3	52.1	57.4	65.2	68.	66.3	62.4	53.2	41.6	36.4	51.2
	S D	8.664	7.887	6.957	6.014	6.104	6.196	6.056	7.184	6.864	7.303	6. 72	7.619	15.251
	TOTAL OBS	734	651	763	776	771	691	716	722	674	717	665	713	8475
15-17	MEAN	42.1	35.4	45.2	51.2	57.5	66.6	71.3	69.8	63.4	53.3	41.3	38.	53.2
	S D	8.398	7.248	7.331	6.449	6.670	6.377	6.579	7.290	7.236	7.333	6. 53	7.525	15.715
	TOTAL OBS	676	566	652	673	673	586	586	641	601	614	555	551	7174
18-20	MEAN	39.3	35.3	42.3	49.2	57.3	63.5	66.6	64.2	59.2	51.5	39.8	35.2	50.3
	S D	10.039	7.991	6.498	8.264	6.446	6.741	6.926	6.475	6.284	6.961	6. 15	7.492	15.614
	TOTAL OBS	235	241	326	313	282	239	267	326	376	276	281	263	3444
21-23	MEAN	37.4	36.4	41.1	47.4	53.5	59.2	64.7	63.7	56.6	48.1	37.9	34.7	48.7
	S.D.	11.430	9.412	6.820	7.452	7.706	6.929	7.112	6.151	6.394	6.325	7.215	6.491	14.6 6
	TOTAL OBS	147	134	145	114	126	99	116	129	199	156	135	95	1594
ALL HOURS	MEAN	38.2	31.1	41.5	46.3	55.4	61.5	64.4	63.9	57.7	49.6	38.6	35.0	48.2
	S.D.	9.714	7.329	7.463	9.205	6.499	9.223	9.414	8.563	8.112	7.984	6.238	6.419	14.638
	TOTAL OBS	3355	3004	3428	3348	3345	3191	3258	3447	3526	3419	2978	2952	39354

USAF ETAC FORM OCT 75 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

[illegible] TEMPERATURES (DEG F) FROM HOURLY OBSERVATIONS

10445 FULDA AAF GERMANY 76-86

STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]-02	S D	[illegible]							[illegible]	[illegible]				[illegible]
	TOTAL OBS	[illegible]							[illegible]	[illegible]				[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
[illegible]-05	S D	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
	TOTAL OBS	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]-08	S D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]-11	S D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	S D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	S D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	S D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	S D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	S D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

10445 FULDA AAF GERMANY 70-86
STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	31.9	32.0	36.0	46.0	52.4	5[illegible].0		[illegible].0	51.7	46.2	[illegible]	[illegible]	46.[illegible]
[illegible]-06	S.D.	8.7[illegible]				[illegible].4			4.867	8.376	4.764			[illegible].8
	TOTAL OBS	71	1	1	2	16	1		10	192	3	1		1 [illegible]
	MEAN	31.2	31.0	35.7	36.4	43.[illegible]	49.3	[illegible].3	52.1	49.1	42.2	38.7		[illegible].[illegible]
7-08	S.D.	8.[illegible]5		5.474	6.229	[illegible].[illegible]6	5.852	4.849	5.125	5.571	7.65[illegible]			[illegible].[illegible]
	TOTAL OBS	71	1	16	14	1[illegible]	117	1[illegible]1	172	194	[illegible]	[illegible]		[illegible]
	MEAN	36.1	35.[illegible]	34.[illegible]	35.7	44.[illegible]	[illegible].1	[illegible]2.2	52.1	47.[illegible]	42.3	34.3	39.7	39.[illegible]
[illegible]-09	S.D.	[illegible].9[illegible]3	9.944[illegible]	6.352	6.143	[illegible].[illegible]73	5.501	4.[illegible]93	5.197	[illegible].[illegible]61	[illegible].[illegible]74	[illegible].[illegible]1[illegible]	[illegible].[illegible]7	11.[illegible]1[illegible]
	TOTAL OBS	6[illegible]7	636	702	7[illegible]6	7[illegible]8	693	[illegible]9[illegible]	713	[illegible]57	6[illegible]5	[illegible]1[illegible]	61[illegible]	1[illegible]1
	MEAN	36.4	36.7	35.1	37.[illegible]	44.[illegible]	[illegible].[illegible]8	[illegible]2.[illegible]	53.[illegible]	[illegible].[illegible]	45.[illegible]	[illegible]8.[illegible]	1.[illegible]	4[illegible].[illegible]
[illegible]-11	S.D.	9.[illegible]3[illegible]	9.368	6.285	6.277	7.[illegible]10	6.[illegible]65	5.[illegible]95	4.811	[illegible].[illegible]4 [illegible]	6.[illegible]48	7.[illegible]27	[illegible].[illegible]79[illegible]	11.[illegible]93[illegible]
	TOTAL OBS	7[illegible]1	740	[illegible]22	7[illegible]5	7[illegible]	763	77[illegible]	771	717	76[illegible]	[illegible]19	77[illegible]	[illegible]16
	MEAN	[illegible]7.[illegible]	28.4	35.[illegible]	37.7	46.1	[illegible].[illegible]2	[illegible]2.[illegible]	[illegible]3.[illegible]	[illegible].[illegible]	44.[illegible]	[illegible].[illegible]8	[illegible]0.[illegible]	41.1
12-14	S.D.	8.42[illegible]	[illegible].44[illegible]	6.44[illegible]	6.740	[illegible].[illegible]76	6.[illegible]16	5.[illegible]-6	5.[illegible]0[illegible]	[illegible].[illegible]5[illegible]	[illegible].7 [illegible]	7.[illegible]45[illegible]	7.[illegible]14	11.[illegible]1[illegible]
	TOTAL OBS	74[illegible]	[illegible]81	763	7[illegible]5	7[illegible]1	[illegible]41	[illegible]72	[illegible]63	[illegible]72	717	[illegible]65	71[illegible]	[illegible]9474
	MEAN	[illegible]8.[illegible]	28.3	35.[illegible]	37.[illegible]	4[illegible].[illegible]	[illegible].[illegible]3	[illegible]2.[illegible]	[illegible].[illegible]5	[illegible].[illegible]	44.[illegible]	[illegible].[illegible]4	[illegible]0.[illegible]	41.4
15-17	S.D.	[illegible].[illegible]54	[illegible].349	[illegible].574	6.[illegible]29	[illegible].[illegible]78	5.[illegible]93	5.[illegible]39	[illegible].[illegible]56	5.[illegible]7[illegible]	[illegible].[illegible]9[illegible]	7.[illegible]57	7.[illegible]3[illegible]	11.[illegible]3 [illegible]
	TOTAL OBS	63[illegible]	566	652	573	57[illegible]	586	[illegible]48	[illegible]41	[illegible]1[illegible]	[illegible]14	[illegible]54	[illegible]41[illegible]	7174
	MEAN	25.[illegible]	24.7	35.4	38.4	46.7	[illegible].[illegible]8	[illegible]4.7	[illegible]4.[illegible]	[illegible].[illegible]2	4[illegible].4	[illegible].[illegible]4	31.[illegible]	41.7
18-20	S.D.	9.864	9.545	6.624	6.357	[illegible].[illegible]1[illegible]	[illegible].542	5.267	5.[illegible]92	[illegible].[illegible]3[illegible]	[illegible].[illegible]57	7.[illegible]25	7.[illegible]0[illegible]	12.[illegible]2[illegible]
	TOTAL OBS	2[illegible]5	241	[illegible]06	[illegible]03	[illegible] [illegible]	239	267	[illegible]26	[illegible]7[illegible]	[illegible]75	[illegible]91	[illegible]6[illegible]	3444
	MEAN	[illegible]5.[illegible]	22.3	34.9	39.[illegible]	46.[illegible]	[illegible].[illegible]6	[illegible]5.[illegible]	[illegible]5.[illegible]	[illegible]1.[illegible]	44.3	[illegible]5.[illegible]	[illegible]2.[illegible]	41.[illegible]
21-23	S.D.	10.[illegible]03[illegible]	[illegible].247	6.[illegible]28	6.[illegible]19	[illegible].[illegible]98	5.[illegible]35	6.[illegible]56[illegible]	5.[illegible]43[illegible]	5.[illegible]0 7	5.[illegible]47	7.[illegible]42[illegible]	[illegible].27	12.[illegible]9[illegible]
	TOTAL OBS	147	134	145	114	12[illegible]	99	11[illegible]	12[illegible]	19[illegible]	19[illegible]	[illegible]35	[illegible]9	[illegible]64[illegible]
ALL HOURS	MEAN	[illegible]7.[illegible]	26.7	35.2	37.[illegible]	45.[illegible]	[illegible].[illegible]4	[illegible]2.7	[illegible]3.[illegible]	[illegible]0.[illegible]	43.[illegible]	[illegible].[illegible]2	[illegible]1.[illegible]	40.[illegible]
	S.D.	9.303	9.306	6.419	6.524	[illegible].[illegible]83	5.[illegible]32	5.[illegible]67	5.[illegible]373	5.[illegible]79[illegible]	[illegible].[illegible]61	7.[illegible]44	7.[illegible]49[illegible]	11.[illegible]70[illegible]
	TOTAL OBS	[illegible]35[illegible]	3003	3427	3347	3343	3191	3[illegible]5[illegible]	3443	3523	[illegible]413	2[illegible]77	[illegible]391[illegible]	30[illegible]7[illegible]

USAF ETAC FORM OCT 75 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

10445 FULDA AAF GERMANY 77-86 JAN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.9	61.3	90.[illegible]	31
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.3	71.0	91.4	31
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.3	90.2	63.3	91.2	687
	09-11	100.0	100.0	100.0	100.0	100.0	99.7	97.5	85.8	54.9	89.[illegible]	791
	12-14	100.0	100.0	100.0	100.0	100.0	98.9	90.4	73.6	38.4	85.5	742
	15-17	100.0	100.0	100.0	100.0	100.0	99.5	90.7	72.8	37.3	85.6	636
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	96.8	81.8	43.5	87.3	299
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	96.6	87.1	52.4	89.2	147
TOTALS		100.0	100.0	100.0	100.0	100.0	99.8	96.3	83.2	52.8	88.7	335[illegible]

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

10445 FULDA AAF GERMANY 77-86 FEB
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		85.	1
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1
	06-08	100.0	100.0	99.8	99.7	99.1	99.1	98.6	92.8	71.4	92.5	636
	09-11	100.0	100.0	99.9	99.6	99.5	98.9	95.3	84.8	55.7	89.3	743
	12-14	100.0	100.0	99.7	99.1	96.5	90.9	75.2	57.4	31.4	80.6	681
	15-17	100.0	99.8	99.3	96.3	91.3	85.9	68.7	51.4	24.4	77.4	566
	18-20	100.0	100.0	99.2	97.1	95.4	91.3	84.6	64.7	30.7	81.8	241
	21-23	100.0	100.0	100.0	100.0	97.8	95.5	90.3	66.7	41.1	84.9	134
TOTALS		100.0	100.0	99.7	99.0	97.5	95.2	89.1	77.5	44.3	86.4	3603

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

105445 FULDA AAF GERMANY 77-86 MAR
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		82.[illegible]	1
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	87.5	56.3	90.8	16
	06-08	100.0	100.0	100.0	100.0	100.0	99.2	96.3	85.3	55.1	89.7	722
	09-11	100.0	100.0	100.0	100.0	99.8	96.8	85.4	63.9	32.2	83.6	822
	12-14	100.0	100.0	99.9	98.2	92.9	81.3	60.6	31.3	12.8	73.2	763
	15-17	100.0	100.0	99.7	96.9	90.0	75.3	53.2	28.4	12.4	71.5	652
	18-20	100.0	100.0	100.0	98.7	93.8	85.9	74.5	49.0	18.3	77.5	306
	21-23	100.0	100.0	100.0	100.0	100.0	95.9	85.5	60.0	22.8	81.9	145
TOTALS		100.0	100.0	100.0	99.2	97.1	91.8	81.9	63.2	26.2	81.3	3427

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1[illegible]445 FULDA AAF GERMANY 77-86 APR
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	94.[illegible]	2
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	95.0	82.9	5[illegible].7	88.5	14[illegible]
	06-08	100.0	100.0	100.0	100.0	99.6	98.6	93.0	75.2	41.8	86.6	715
	09-11	100.0	100.0	100.0	99.[illegible]	92.3	79.1	62.[illegible]	4[illegible].1	18.4	74.8	795
	12-14	100.0	100.0	99.1	90.2	74.6	58.6	40.1	22.[illegible]	7.7	65.1	705
	15-17	100.0	100.0	98.8	87.4	70.0	51.5	37.5	20.1	6.5	62.[illegible]	573
	18-20	100.0	100.0	99.3	96.4	82.5	66.3	53.5	30.4	10.9	69.[illegible]	303
	21-23	100.0	100.0	100.0	99.1	97.4	86.0	68.4	38.6	15.8	76.2	114
TOTALS		100.0	100.0	99.7	96.5	89.6	80.0	68.7	51.3	31.5	77.2	3347

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

105445 FULDA AAF GERMANY 77-86 MAY
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	100.0	100.0	88.9	83.3	55.6	88.7	18
	03-05	100.0	100.0	100.0	100.0	100.0	98.7	96.8	86.5	53.5	89.8	155
	06-08	100.0	100.0	100.0	99.9	99.6	95.9	87.7	68.9	35.3	84.6	708
	09-11	100.0	99.9	99.4	96.0	87.2	69.9	51.9	26.7	8.8	69.5	780
	12-14	100.0	100.0	98.7	89.6	69.8	47.9	33.1	16.8	5.4	61.6	791
	15-17	100.0	100.0	98.1	83.6	63.4	49.2	34.6	17.6	6.6	60.6	573
	18-20	100.0	100.0	100.0	94.7	81.9	66.0	52.8	29.8	12.4	68.9	282
	21-23	100.0	100.0	100.0	99.2	96.0	85.7	73.8	50.0	15.1	77.5	126
TOTALS		100.0	100.0	99.5	95.4	87.2	76.7	65.0	47.5	24.1	75.2	3343

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

105445 FULDA AAF GERMANY 76-85 JUN

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1
	03-05	100.0	100.0	100.0	100.0	100.0	99.1	96.6	88.9	54.7	89.7	117
	06-08	100.0	100.0	100.0	100.0	99.9	98.0	91.6	67.7	30.0	84.4	693
	09-11	100.0	100.0	99.6	97.4	91.5	72.5	53.6	20.3	5.4	69.6	763
	12-14	100.0	100.0	97.4	89.6	72.1	46.9	28.7	12.6	4.1	60.7	691
	15-17	100.0	99.5	94.2	85.4	67.2	41.2	28.2	11.6	2.2	58.6	588
	18-20	100.0	100.0	100.0	95.0	84.1	59.8	38.9	15.9	4.6	65.2	239
	21-23	100.0	100.0	100.0	100.0	99.0	86.9	71.7	29.3	10.1	74.5	99
TOTALS		100.0	99.9	98.9	95.9	89.2	75.6	63.7	43.3	26.4	75.3	3191

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

105445 FULDA AAF GERMANY 76-85 JUL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.2	85.1	52.1	89.8	121
	06-08	100.0	100.0	100.0	100.0	99.6	97.7	93.7	69.4	34.8	85.3	695
	09-11	100.0	99.7	98.8	97.2	89.2	74.2	50.8	25.4	8.4	69.8	772
	12-14	100.0	99.1	96.6	88.5	68.7	43.2	26.8	12.5	3.6	59.3	702
	15-17	100.0	98.0	94.4	80.5	59.6	37.0	22.5	9.7	2.4	56.3	596
	18-20	100.0	100.0	99.3	92.1	74.9	51.7	34.8	17.2	4.9	63.[illegible]	267
	21-23	100.0	100.0	100.0	100.0	96.5	85.2	52.2	29.6	8.7	73.0	115
TOTALS		100.0	99.5	98.4	94.0	84.1	69.9	54.3	35.6	16.4	70.9	329

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

105445 FULDA AAF GERMANY 76-85 AUG

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	90.0	90.0	60.0	40.0	82.9	10
	03-05	100.0	100.0	100.0	99.2	99.2	99.2	97.7	87.9	67.4	91.7	132
	06-08	100.0	100.0	100.0	99.9	99.4	99.2	95.8	81.2	52.2	89.2	713
	09-11	100.0	100.0	99.6	99.2	94.6	80.8	61.1	30.0	12.1	73.5	771
	12-14	100.0	99.7	97.5	92.1	74.1	48.8	28.9	12.5	4.7	61.3	722
	15-17	100.0	99.2	95.9	86.4	68.3	43.4	24.0	9.5	3.4	58.8	641
	18-20	100.0	100.0	100.0	96.9	81.6	57.1	34.7	13.8	6.1	64.7	326
	21-23	100.0	100.0	100.0	100.0	100.0	93.0	66.4	32.8	10.2	76.0	128
TOTALS		100.0	99.9	99.1	96.7	89.7	76.4	62.3	41.0	24.5	74.8	3483

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

105445 (STATION) FULDA AAF GERMANY (STATION NAME) 76-85 (PERIOD) SEP (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.1	93.5	75.0	92.9	108
	03-05	100.0	100.0	100.0	100.0	100.0	99.5	98.5	88.1	75.3	93.1	194
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	98.0	87.5	61.9	91.3	657
	09-11	100.0	100.0	100.0	100.0	99.4	92.5	81.2	47.4	19.1	79.7	717
	12-14	100.0	100.0	100.0	98.5	89.3	65.7	42.2	15.3	4.5	67.0	673
	15-17	100.0	100.0	99.8	94.8	83.7	61.0	39.5	14.8	5.5	65.3	600
	18-20	100.0	100.0	100.0	98.1	93.1	79.3	60.9	28.2	11.7	72.5	376
	21-23	100.0	100.0	100.0	99.5	98.5	94.9	86.9	60.6	32.3	82.7	198
TOTALS		100.0	100.0	100.0	98.9	95.5	86.6	75.8	54.4	35.7	80.6	3523

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

10545 FULDA AAF GERMANY 76-85 OCT
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	80.0	95.4	5
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.5	6
	06-08	100.0	100.0	100.0	100.0	99.6	99.4	96.9	88.4	61.3	91.3	675
	09-11	100.0	99.9	99.7	99.5	98.4	96.2	89.3	65.4	36.0	84.6	769
	12-14	100.0	100.0	99.6	98.2	94.0	82.8	64.7	31.5	11.7	73.7	717
	15-17	100.0	99.8	99.0	98.2	93.8	80.9	61.7	33.1	7.5	72.7	614
	18-20	100.0	100.0	100.0	100.0	100.0	96.4	86.5	64.4	27.3	82.9	275
	21-23	100.0	100.0	100.0	100.0	100.0	98.7	94.9	78.2	39.1	87.0	156
TOTALS		100.0	100.0	99.8	99.5	98.2	94.3	86.8	70.1	45.3	85.5	3219

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

105445 FULDA AAF GERMANY 76-85 NOV
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	50.0	90.5	2
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	66.7	92.3	3
	06-08	100.0	100.0	100.0	100.0	99.8	98.9	96.0	87.2	50.8	89.1	618
	09-11	100.0	100.0	100.0	100.0	99.7	97.2	91.9	73.9	39.2	86.1	719
	12-14	100.0	100.0	100.0	100.0	98.5	95.3	82.3	54.1	17.4	80.3	665
	15-17	100.0	100.0	100.0	99.8	99.3	95.8	85.7	59.7	20.9	81.5	554
	18-20	100.0	100.0	100.0	100.0	100.0	98.9	96.8	81.5	47.0	87.6	281
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	97.0	89.6	54.8	89.6	135
TOTALS		100.0	100.0	100.0	100.0	99.7	98.3	93.7	80.8	43.4	87.1	2977

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

115445	FULDA AAF GERMANY	76-85	DEC
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	50.0	50.0	86.5	2
	03-05											
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	97.7	87.7	64.5	90.8	612
	09-11	100.0	100.0	100.0	100.0	100.0	99.9	96.0	83.7	51.7	88.9	726
	12-14	100.0	100.0	100.0	100.0	99.9	97.1	90.9	71.6	36.1	85.2	712
	15-17	100.0	100.0	100.0	100.0	100.0	98.8	92.9	75.5	38.1	85.9	591
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	97.0	85.6	52.1	88.4	263
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	98.8	92.9	63.5	91.1	85
TOTALS		100.0	100.0	100.0	100.0	100.0	99.4	96.2	78.1	50.9	88.1	2991

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

105445 FULDA AAF GERMANY 76-86 ALL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	100.0	99.8	96.3	83.2	52.8	88.7	3358
FEB		100.0	100.0	99.7	99.0	97.5	95.2	89.1	77.5	44.3	86.4	3003
MAR		100.0	100.0	100.0	99.2	97.1	91.8	81.9	63.2	26.2	81.3	3427
APR		100.0	100.0	99.7	96.5	89.6	80.0	68.7	51.3	31.5	77.2	3347
MAY		100.0	100.0	99.5	95.4	87.2	76.7	65.0	47.5	24.1	75.2	3343
JUN		100.0	99.9	98.9	95.9	89.2	75.6	63.7	43.3	26.4	75.3	3191
JUL		100.0	99.5	98.4	94.3	84.1	69.9	54.3	35.6	16.4	70.9	3258
AUG		100.0	99.9	99.1	96.7	89.7	76.4	62.3	41.0	24.5	74.8	3443
SEP		100.0	100.0	100.0	98.9	95.5	86.6	75.8	54.4	35.7	80.6	3523
OCT		100.0	100.0	99.8	99.5	98.2	94.3	86.8	70.1	45.3	85.5	3219
NOV		100.0	100.0	100.0	100.0	99.7	98.3	93.7	80.8	43.4	87.1	2977
DEC		100.0	100.0	100.0	100.0	100.0	99.4	96.2	78.1	50.9	88.1	2991
TOTALS		100.0	99.9	99.6	97.9	94.0	87.0	77.8	60.5	35.1	80.9	39072

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PART B - PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure.

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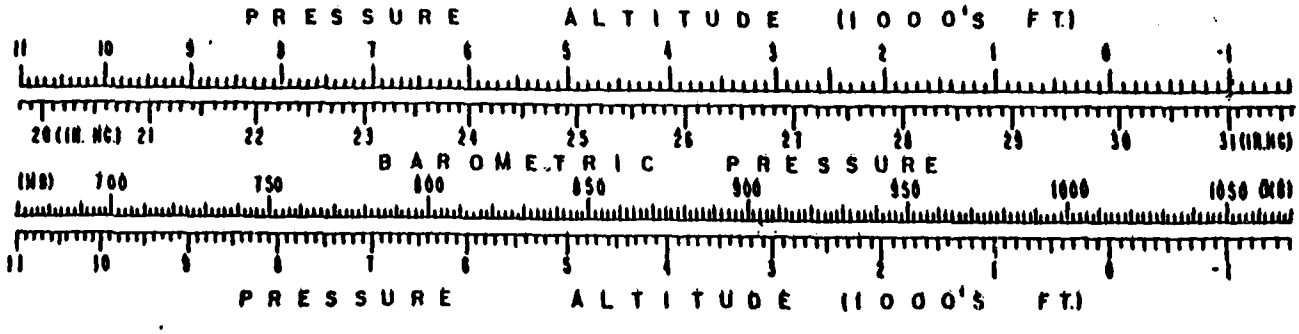
1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

10445 FULDA AAF GERMANY 76-86
STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	28.891			29.030	28.970			28.720	29.019			28.852	28.927
	S.D.	.311				.195				.149				.221
	TOTAL OBS	12			1	6			2	36				55
04	MEAN	28.884		28.740	28.963	28.868	28.953	29.024	28.900	29.030	29.028	28.867		28.932
	S.D.	.317				.199		.040	.203	.134				.223
	TOTAL OBS	12		1	3	14	3	5	4	36	2	1		79
07	MEAN	28.868	28.937	28.849	28.892	28.876	28.952	28.962	28.954	28.996	28.955	28.939	28.867	28.924
	S.D.	.349	.342	.298	.246	.224	.164	.151	.149	.194	.289	.308	.402	.277
	TOTAL OBS	216	231	239	234	237	225	228	236	216	214	195	186	2675
10	MEAN	28.875	28.944	28.854	28.896	28.899	28.950	28.960	28.983	29.012	28.963	28.965	28.884	28.931
	S.D.	.311	.341	.277	.236	.224	.163	.150	.150	.131	.289	.303	.397	.271
	TOTAL OBS	264	248	274	265	260	255	256	267	234	245	240	242	3050
13	MEAN	28.866	28.938	28.848	28.877	28.875	28.942	28.964	28.969	28.997	28.951	28.961	28.852	28.919
	S.D.	.359	.339	.276	.217	.223	.161	.145	.148	.190	.287	.291	.396	.271
	TOTAL OBS	264	246	270	238	237	235	240	245	209	255	237	252	2947
16	MEAN	28.861	28.931	28.832	28.863	28.866	28.931	28.946	28.959	28.979	28.932	28.943	28.856	28.907
	S.D.	.359	.321	.282	.213	.210	.156	.143	.142	.192	.289	.299	.411	.284
	TOTAL OBS	214	196	219	212	218	208	217	219	203	205	186	196	2463
19	MEAN	28.874	28.913	28.855	28.876	28.831	28.923	28.963	28.980	28.991	28.971	28.975	28.936	28.933
	S.D.	.339	.314	.292	.216	.230	.154	.132	.128	.182	.309	.267	.391	.259
	TOTAL OBS	95	81	101	112	95	80	89	110	125	91	96	87	1162
22	MEAN	28.901	28.975	28.873	28.827	28.915	28.978	28.934	29.008	29.014	28.964	29.022	28.896	28.944
	S.D.	.308	.259	.301	.212	.149	.112	.201	.100	.176	.373	.268	.434	.274
	TOTAL OBS	55	53	57	26	31	20	26	32	56	63	54	32	505
ALL HOURS	MEAN	28.866	28.951	28.848	28.881	28.874	28.941	28.951	28.975	28.998	28.955	28.958	28.870	28.923
	S.D.	.347	.332	.292	.220	.216	.160	.147	.145	.186	.292	.295	.398	.279
	TOTAL OBS	1170	1018	1151	1071	1079	1029	1053	1105	1139	1086	1008	1007	12076

END

DATE
FILMED

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